

McDonnell Douglas Aerospace

464C-4054-AYP 06 May 1997

FLCU

St. Louis County Department of Health Air Pollution Control Section 111 South Meramec Avenue Clayton, Missouri 63105 JUL 15 1998 APCO

1-4

Encl.:

(1) Title V Permit Applications for McDonnell Douglas Corporation St. Louis County Major Source Facility

Dear Sirs:

Enclosed are two copies of the Title V Permit Application as required by 10 CSR 10-6.065 for the McDonnell Douglas Corporation (MDC) major source facility located in St. Louis County. A check for the application fee in the amount of \$100.00 has been forwarded to Missouri Department of Natural Resources. I am available to discuss in detail any section of the Title V Application.

Sincerely,

A. Yvonne Pierce

Group Manager, Environmental Engineering Environmental and Hazardous Materials Services

Dept. 464C, Bldg. 110, Mailcode S111-1099

(314) 232-4799

EC: Missouri Department of Natural Resources/1 ltr

Air Pollution Control Program

Operating Permit Unit

P.O. Box 176

Jefferson City, Missouri 65102-0176

VOC trade via EIQ

Bldg. 48 VOC ERC per EIQ From Permit #'s 3221,3275,3276,3277,3278,3279,328 Tons per booth # of Booths Tons 1994 1.53 8.00 12.24 1995 0.99 8.00 7.92 Total 94/95 20.16 Avg tons to trade 10.08 27 Vapor Degreaser VOC ERC per EIQ Year Tons 95 8.31 96 (strike) 7.41 Total 15.72 Avg. tons 7.86 Total VOC ERC's to trade in Bldg 48 10.08 Bldg 27 7.86 Total trade 17.94 Tons VOC needed for permit 48 paint booths need 25.08	30,3281
From Permit #'s 3221,3275,3276,3277,3278,3279,328 Tons per	30,3281
Year Tons per booth # of Booths Tons 1994 1.53 8.00 12.24 1995 0.99 8.00 7.92 Total 94/95 20.16 Avg tons to trade 10.08 27 Vapor Degreaser VOC ERC per EIQ Year Tons 95 8.31 96 (strike) 7.41 Total 15.72 Avg. tons 7.86 Total VOC ERC's to trade in Bldg 48 10.08 Bldg 48 10.08 Bldg 27 Total trade 17.94 Tons VOC needed for permit 48 paint booths	10,3201
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48 paint booths	
48 paint booths	
48 paint booths	
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27 needs 1.26	;
51 needs 8.07	:
27 Const.	1
permit #6319 0.74	
Total tons	
needed 35.15	
Total tons	1
needed	
(permit) 35.15	
Total ERC	İ
tons to trade 17.94	
Permit Net 17.21	
Bldg 48 info contact: Charlie Kutterer Ph. 233-5304	
Bldg 27 info contact: Kevin Strickland Ph. 233-8465	
Bldg 51 info contact: Steve Capps Ph. 234-4212	
Const. Permit #6319 contact: Steve Hecht 234-0174	

O EXAMPLE.



St. Louis County Department of Health

ST. LOUIS COUNTY
DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL PROTECTION
AIR POLLUTION CONTROL BRANCH

OPERATING PERMIT (#5612) Effective date: 07/23/97

Permission is hereby granted to:

McDonnell Douglas Corporation PO Bx 516, 064C/1111099 St. Louis, Mo. 63166

To operate the following equipment/process:

VAPOR DEGREASER TRICHLOROETHYLENE NOT VENTED, BLDG 27, U-31

Located at:

McDonnell Douglas Co. Airport Rd. and McDonnell Blvd St. Louis, MO 63145

Payment of \$0 operating permit fee is acknowledged.

This Permit to be visibly affixed or placed in accordance with Section 612.120 St. Louis County Air Pollution Control Code.

This Permit is subject to the list of regulations and any special permit conditions attached.

Christopher E. Byrne

Program Manager

Air, Land and Water Engineering Branch

Department of Health

PERMIT CONDITIONS FOR PERMIT #5612 Issued on 07/23/97 to McDonnell Douglas Co.

- 1. This unit shall be equipped and operated in accordance with the requirements of 10 CSR 10-5.300.
- 2. Trichloroethylene usage is limited to four thousand one hundred and ten (4,110) gallons per year on a twelve month rolling average.
- 3. Monthly records of the material usage and the twelve (12) month rolling average shall be maintained on site and made available to the Program Manager, or his designated agent, at any reasonable time.
- 4. Should records indicate that a violation of the limitations established in condition 2. has occurred; McDonnell Douglas must notify the Program Manager by no later than the next working day.

ST. LOUIS COUNTY AIR POLLUTION CONTROL PERMIT REVIEW APPLICABLE REGULATIONS PERMIT # 5612

612.110

Permits Required

Company must obtain permits to operate the proposed equipment from St. Louis County's Air Pollution Control Section.

10 CSR 10-5.300

Control of Emissions From Solvent Metal Cleaning.

Equipment, operational, training and recordkeeping requirements of the above are applicable.

10 CSR 10-6.110

Submission of Emission Data, Emission Fees and Process Information.

Annual emissions from this unit must be reported on the annual EIQ.

40 CFR Part 63 Subpart T National Emission Standards for Halogenated Solvent Cleaning Operations:

This unit will be subject to the MACT requirements established in this rule.

	VOC Em	ission Red	luctio	n Cre	dit (EF	RC)	
Bldg. 48 VOC E							_
From Permit #'s				79,3280),3281		_
	Tons per	# of	Total				
Year	booth	Booths	Tons				_
1994	1.53	8.00	12.24				
1995	0.99	8.00	7.92	1			_
		Total 94/94	20.16				_
		Avg tons					
		to trade	10.08				
Bldg. 27 VOC E	ERC per Per	mit Limit.				W .	
Permit # 5612	1						
Trichloroethylen	ie	4,110 gl/yr					_
		, 3,,,					
VOC lbs/gl	12.20						_
gl per yr	4,110.00			12			_
lbs/yr	50,142.00			jë .		1.	_
Tons/yr to							
trade	25.07						
Total VOC ERC		•				1	
Bldg. 48	10.08						
Bldg. 27	25.07						
Total tons	35.15						
Tons VOC need	ded for peri	nit					
48 paint booths	April to a common of						
need	25.08						
27 needs	1.26						
51 needs	8.07						
27 Const	ų į					1	
permit #6319	0.74			1			
Total tons				1			
needed	35.15						
Total tons							
needed							
(permit)	35.15		A.				
Total ERC						1	
tons to trade	35.15				<u>.</u>		
Permit Net	0.00	1					
Bldg 48 info con							
Bldg 27 info con	ntact: Kevin (Strickland Ph	. 233-8	465			_
Bldg 51 info cor							
Const. Permit #	6319 contac	t: Steve Hecl	ht 234-0	0174			

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-	_	_	-	_		_	_		_		

COMPLIANCE DETERMINATION METHODS

FEDERALLY ENFORCEABLE

Facility Name McDonnell Douglas Corporation		County No.	300	Plant No. 0230	Year Submitted 1997		
	mission Unit No. VD		Applicable Red Applicable sub	•	Part 63, Subpart T: .464, 63.465, 63.467 and 63.468		
5 Compliance Demonstration Methods	s (Testing, Monitoring, Record	keeping, Rep	ortling, etc.)"		性原理 经原理 医二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		
Check the Applicable Method				pliance Method			
Testing	Monitoring	g		pplicable Requirements			
X Recordkeeping	X Reporting		G	ap Filling			
Testing Describe any tests which hoperating conditions existing	have been performed to quantify ng during the test and summary	emissions. In of results.			rocedures used, testing company,		
Date Test Method	Firm		Operating Con	nditions	Summary of Results		
N.A.							
Recordkeeping List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.							
Parameter (data) Being Recorded	Measurement Method			Frequency	Record Retention		
solvent usage	1) Keep logs of dates a added and removed. 2) Keep calculation shand 3-month average 6	eets showing	how monthly	monthly	5 years		
Monitoring				us et a live state	duration and data reporting mathe		
Describe any emission mo Monitoring Device Type	onitoring used, location of monit	or, pollutants be	eing monitored,	sampling frequency and	duration, and data reporting method Pollutants Being Monitore		
N.A.	Location Description						
Sampling Frequency	Duration of Sampling		How Data Will	Be Reported			
Reporting Describe all reporting re	equirements and provide the t	itle and freque	ency of report s	submittals to the agenc	y.		
Reporting Requirement		Title of Report			Submittal Frequency		
exceedance report solvent emission report		1) Exceedance 2) Solvent En	e Report nission Report		1) semiannually 2) annually		
Attach description for any Alter	rnate Compliance Demor			- III			

FORM OP - D	005 COMPLIA	NCE DETERMINATION ME	THODS	F	EDERALLY ENFORCEABL	
Facility Name			County No.	300	Plant No. 0230	Year Submitted 1997
McDonnell Do	uglas Corporation					
Emission Poir No.	nt <i>VD-042-01</i>	Emission Unit No. V	/D-042-01			art 63, Subpart T: 64, 63.465, 63.467 and 63.468
5, Complian	ce Demonstration Meth	rode (needing, Manitoring, Reco	rdkeeping, Rep			
Check the	Applicable Method			Basis of Com	pliance Method	
	Testing	Monitori	ng	X A	pplicable Requirements	
X	Recordkeeping	X Reporting	ng	G	ap Filling	
्राहड्श <u>ीतः</u>	Describe any tests wh	ich have been performed to quant xisting during the test and summa	•	clude the date o	f the test, methods and prod	cedures used, testing company,
Date	Test Method N.A.	Firm		Operating Conditions		ummary of Results
Recordke	List parameters for wh	nich records are being maintained, For each recorded parameter inc	the frequency o	f such records (h of measuremen	nourly, daily, etc.) And the le	ength of time records are retained
Parameter (da	ata) Being Recorded	Measurement Method	d		Frequency	Record Retention
·	solvent usage	1) Keep logs of dates added and removed.		of solvent	monthly	5 years

Monitoring

Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method

Monitoring Device Type

N.A.

Location Description

Pollutants Being Monitore

2) Keep calculation sheets showing how monthly and 3-month average emissions are determined.

Sampling Frequency Duration of Sampling How Data Will Be Reported

Reporting

Describe all reporting requirements and provide the title and frequency of report submittals to the agency.

Reporting Requirement

1) exceedance report

2) solvent emission report

Title of Report

1) Exceedance Report

2) Solvent Emission Report

Submittal Frequency

1) semiannually

2) annually

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D0

FORM OP - D05 COMPLIA	NCE DETERMINATION ME	ETHODS	F	EDERALLY ENFORCE	ABLE	Section I
Facility Name McDonnell Douglas Corporation		County No.	1300	Plant No. 0230		Year Submitted 1997
Emission Point CC-STL-01 No.		/D-042-02	63.468	quirement: 40 CFF psections of: 63.460, 63		Subpart T: 65, 63.466, 63.467 and
5. Compliance Demonstration Metho	ods (Testing, Monitoring, Reco	ırdkeeping, Rep	porting, etc.)			
Check the Applicable Method			- 1	pliance Method		
Testing	X Monitori			pplicable Requirements		
X Recordkeeping	X Reporting	ng	G	ap Filling		
Testing Describe any tests whice operating conditions ex	ch have been performed to quant isting during the test and summa	tify emissions. In				
Date Test Method	Firm	-	Operating Cor	nditions	Summar	y of Results
N.A.						
Recordkeeping List parameters for white from the date of entry.	ch records are being maintained, For each recorded parameter inc	clude the method	of such records (h l of measuremen		e length of	
Parameter (data) Being Recorded	Measurement Method			Frequency		Record Retention
per the requirements of the applic subsections of 63.467	of 63.467	s of the applical	ble subsections	per the requirement applicable subsect 63.467		5 years
Monitoring						tait 1985 tale 1995
Describe any emission	monitoring used, location of mor	nitor, pollutants t	peing monitored,	sampling frequency and	duration, a	ind data reporting method Pollutants Being Monitore
Monitoring Device Type	Location Description	1				onatamo bomg momero
per the requirements of the appli subsections of 63.466	cable			and the		
Sampling Frequency	Duration of Sampling	g	How Data Will	Be Reported		
		bereit en				
Reporting: Describe all reporting	g requirements and provide the	e title and frequ	ency of report s	submittals to the agenc	у. У.	nemenski kalendaren eta
Reporting Requirement	9	Title of Repo			Submitta	al Frequency
1) exceedance report		1) Exceedan	ce Report		1) semia	annually
2) solvent emission report or annua	al report (depending on the	2) Solvent E	mission or Anni	ual Report	2) annu	ally

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - DO

compliance method chosen)

Sampling Frequency

Duration of Sampling

How Data Will Be Reported

Reporting

Describe all reporting requirements and provide the title and frequency of report submittals to the agency.

Reporting Requirement

Title of Report

1) exceedance report

1) Exceedance Report

2) Solvent emission report

2) Solvent Emission Report

2) annually

2) annually

2) solvent emission report 2) Solvent Emission Report 2) Solvent Emission Report 2) Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

FORM OP - [005 COMPLIA	NCE DETERMINAT	ION MET	rhods	F	EDERALLY E	NFORCEABLE	Section
Facility Name				County No.	1300	Plant No.	0230	Year Submitted 1997
Emission Poi	nt <i>VD-101-01</i>	Emission Unit No.)-101-01		bsections of:		63, Subpart T: 63.465, 63.467 and 63.468
5. Complian	ce Demonstration Meth	ods (Testing, Monitorir	ng, Record	ikeeping, Rep	orting, etc.)			
	Applicable Method		Per Capital Control		Basis of Con	npliance Metho	od	
	Testing		Monitoring	g		Applicable Req	uirements	
X	Recordkeeping	X	Reporting			Sap Filling		
Testing:	Describe any tests whi	ch have been performed kisting during the test and	to quantify d summary	y emissions. It	nclude the date o	of the test, me	thods and proced	ures used, testing company,
Date	Test Method N.A.	Firm			Operating Co	nditions	Sum	mary of Results
Was a second second	from the date of entry.	ich records are being ma For each recorded parar Measuremen	meter inclu	he frequency of the the method	of such records (I of measuremen	hourly, daily, ent. Frequency	etc.) And the lengt	h of time records are retained
Parameter (d	ata) Being Recorded solvent usage	1) Keep logs added and r 2) Keep calc	of dates a removed. ulation sh	and amounts eets showing emissions are	how monthly		monthly	5 years
Monitor	ring	15 · 15 · 15 · 15 · 15 · 15 · 15 · 15 ·				a a malina fros	woney and durati	on, and data reporting metho
Monitoring D		n monitoring used, location De	scription	tor, pollutants i	being monitored,	, sampling free	quericy and duration	on, and data reporting metho Pollutants Being Monitor
Sampling Fr		Duration of	Sampling		How Data Wi	Il Be Reporte	d	
Reportin	g Describe all reportin	g requirements and pro	ovide the	title and frequ	ency of report	submittals to	the agency.	
Reporting R				Title of Repo			Sub	mittal Frequency
1) exceedar 2) solvent e	nce report emission report			,	mission Repor		2) a	semiannually annually
Attach de	escription for any A	Iternate Complianc	e Demor	nstration M	ethods not li	sted above	and label as	EXHIBIT FORM OP - D
	(REV. April 11, 1996)				Duplicate this	form as need	ded	Page D05F

ORM OP - D05 COMPLIANCE	E DETERMINATION	METHODS	F	EDERALLY	Y ENFORCEAL	BLE Section
acility Name		County No.		Plant No.		Year Submitted
IcDonnell Douglas Corporation		4	300		0230	1997
Emission Point No. Vapor Degreasers, En CC-STL-01, VD-027-01, VD-029-01, VI VD-101-01, VD-101-02, VD-102-01, VI	mission Unit No. Va D-042-01, VD-042-02, V D-029-01, VD-101-01, V D-102-01, VD-220-01	D-027-01,	Applicable Require	ement:	10 CSR 10-5.30	0
Compliance Demonstration Methods (Testing, Monitoring, Re	cordkeeping, Re	porting, etc.)			,他一起,还有是"大型"。 第
Check the Applicable Method			Basis of Complia	nce Method		
Testing	X Monitoring		Ap	plicable Red	quirements	
X Recordkeeping	Reporting		XGa	ap Filling		
Testing Describe any tests which have operating conditions existing	ve been performed to qua during the test and sum	antify emissions. mary of results.				dures used, testing company,
Date Test Method N.A.	Firm		Operating Conditi	ons	Summary of R	esults
Recordkeeping List parameters for which record the date of entry. For each	cords are being maintaine ach recorded parameter	ed, the frequency include the metho	of such records (ho d of measurement.	urly, daily, el	ic.) And the leng	gth of time records are retained
Parameter (data) Being Recorded	Measurement Me			Frequency		Record Retention
1) solvent types and purchases		1) Keep records of solvent types and purchases.			,	1) 5 years
2) solvent consumptions and wastes genera	ated 2) Keep records of generated.	f solvent consum	ptions and waste	2) as they	occur	2) 5 years
3) maintenance and repair logs	3) Keep records o			3) as they		3) 5 years
4) operator training	4) Conduct and k operators and the	-	nining for degreaser	r 4) once pe	r year	4) 5 years
Monitoring				moling from	repoy and dura	tion, and data reporting method
	Location Descrip	nonitor, pollutarits	being monitored, sa	impling irequ	F	tion, and data reporting method Pollutant(s) Being Monitored
Monitoring Device Type		, cion				
record keeping as identified in the above so Sampling Frequency	Duration of Sam	pling	How Data Will Be	Reported		
120000			9			
Reporting Describe all reporting require	ements and provide the t	title and frequency	of report submittals	to the agen	icy.	
Reporting Requirement		itle of Report				al Frequency
No routine reporting. Records available up	pon agency request.		N.A		or all of	N.A.
Attach description for any Alternate Com	pliance Demonstration	Methods not list				005
MO 780-1519 (REV. April 11, 1996)			Duplicate this fo	orm as need	ded	Page D05

ORM OP - D05	COMPLIAN	ICE DETERMINATION	METHODS	F	FEDERALLY ENF	ORCEABLE	Section Section
Facility Name McDonnell Dougl			County No.	4300	Plant No. 0230		Year Submitted 1997
Emission Point N	lo. <i>VD-029-01</i>		-029-01	TO THE PARTY OF TH	hapter 612-Section	1 612.110, C	and St. Louis County-APConstruction Permit #6258
5. Compliance	Demonstration Metho	ds (Testing, Monitoring, R	ecordkeeping, R	eporting, etc.)			所谓 建生品间形式
The state of the s	pplicable Method			Basis of Compli	ance Method		
Т	Γesting	X Monitoring			Applicable Requiren	nents	
XF	Recordkeeping	X Reporting			Sap Filling		
op	perating conditions exis	h have been performed to questing during the test and sum	uantify emissions. nmary results.	Include the date of Operating Condi		and procedur	
Date	Test Method	Firm		Operating Cond.	tions Gain	nary or moon	
FERRING AND PARTY							
Recordkeepi Li fr	ist parameters for which	h records are being maintair or each recorded parameter	ned, the frequence include the meth	y of such records (h nod of measurement	ourly, daily, etc.) Ar	nd the length	of time records are retained
	Being Recorded	Measurement M			Frequency		Record Retention
	solvent usage	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	record keeping	log	montl	ıly	5 years
Monitoring				斯尼斯克克	THE STATE OF THE S	and duration	and data reporting mathem
Monitoring Devi		monitoring used, location of Location Descri	ption	s being monitored, s	sampling frequency	Poli	lutant(s) Being Monitored
Sampling Freque		Duration of Sam	npling	How Data Will B	e Reported		
Reporting				av of separat submitte	Is to the agency		
		equirements and provide the	Title of Report	by or report submitta	is to the agency.	Submittal F	requency
Reporting Requ 1) usage exceed			Title of Report	-			ext working day after
2) monthly solve				-		occurrence 2) upon ago	ency request
A	Attach description for	any Alternate Compliance	Demonstration	Methods not listed	above and label a	as EXHIBIT F	ORM OP - D05
	EV April 11 1996)		92 1112	Duplicate this f			Page D05F

Facility Name			County No.	Plant No.	Year Submitted
McDonnell Douglas Corporati	on		4300	0230	1997
Emission Point No.	Emission	Unit No		Source C	lassification Code (SCC)
VD-027-01, VD-029-01, VD-042 VD-101-01, VD-101-02, VD-220			-029-01, VD-042-0 101D-04, VD-220-0	01	4-01-002-05
1. Emission Unit(s) Informatio	or the second		a series and the series are the series and the series are the series and the series are the seri		
Description Of Unit	(s)		ufacturer, Model Nate Of Manufacture		Maximum Design Rate/Capacity
Vapor Degreaser		100			
Emission Unit Nos.		- 41			
VD-027-01, VD-029-01, VD-0	42-01,		Unknown	N.A.	N.A.
VD-101-01, VD-101D-04, VD-	220-01				
Will this unit be operated und Yes: X No:	If Yes, yo	u must d	g scenario? complete a separa 3 for each scenari	te Section D.2	Total Maximum DesignRate/Capacity N.A.
2. Alternate Operating Scena	no (Flexibility)	Y Y			
Alternate Scenario ID:	All was a series of the series		SIC Code A	ssociated with S	
VD-	01				3721
This alternate operating scenarios the equipment standard con NESHAP, 40 CFR Part 63, S	mpliance metho	equeste d as allo	d to give Boeing S wed under the Ha	it. Louis the flex logenated Solve	ibility to use ent Cleaning
					1 76 21 6
Use FORM OP - F01 or the ba					
3. Voluntary Permit Conditio	ns ior reducing	potential	emissions, conditio	ns will become it	ederally, enforceable.
Condition(s) Requested	Descripti			Limitation	Pollutant Controlled
N.A.	N.A.			N.A.	N.A.
MO 780-1519 (REV. April 11, 1	996)		Ouplicate this form	as needed	Page D03-1

Section D

EMISSION UNIT INFORMATION

FORM OP - D03

ORM OP - D	05 COMPLIANCE D	ETERMINATION MET	THODS F	EDERALLY EN	FORCEABLE-ALT. OP.	SCENARI	
Facility Name McDonnell Do	uglas Corporation		County No.	300	Plant No. 0230		Year Submitted 1997
Emission Poin	of No. VD-027-01, 029- 01,042-01, 101- 01,101D-04, & 220-01	01, 01, 220	-027-01, 029- 042-01,101- 101D-04, & 0-01	and 63.468	quirement: 40 CFR esections of: 63.460, 63	Part 63, S .463, 63.46	
5. Compliand	e Demonstration Methods (Te	sting, Monitoring, Record	lkeeping, Rep	orting, etc.)	L'acceptant de la constant de la con		2. 建设置设置
Check the	Applicable Method				pliance Method		
	Testing	X Monitoring			oplicable Requirements		
X	Recordkeeping	X Reporting			ap Filling		
Testing	Describe any tests which have operating conditions existing do	been performed to quantify uring the test and summary			f the test, methods and p		
Date	Test Method <i>N.A.</i>	Firm		Operating Con	ditions	Summary	y of Results
Recordke	List parameters for which reco from the date of entry. For eac	rds are being maintained, the recorded parameter inclu Measurement Method	he frequency o de the method	f such records (h of measurement	nourly, daily, etc.) And the	e length of	time records are retaine
•	ata) Being Recorded rements of the applicable of 63.467	per the requirements of the applicable substrong of 63.467			per the requirement applicable subsect 63.467		5 years
Monitor	Describe any emission monito	ring used location of monit	or pollutants b	eina monitored	sampling frequency and	duration. a	nd data reporting metho
		Location Description	or, policianto o			Po	ollutant(s) Being Monito
Sampling Fre	equency	Duration of Sampling		How Data Will	Be Reported		
Reporting	Describe all reporting requirer	nents and provide the title a	and frequency	of report submitta	als to the agency.		
Reporting Re			Title of Repor	t			l Frequency
1) exceedan 2) solvent ei method chos	ce report mission or annual report (depe sen)		,	mission or Annu		1) semia 2) annua	ally
Attach de	escription for any Alterna	te Compliance Demo	nstration Mo	ethods not lis	sted above and labe	as EXH	HIBIT FORM OP - D

Section

STATE & LOCALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

FORM OP - D04

Facility Name

McDonnell Douglas Corporation

Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire, unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ	EMISSION	EMISSION UNIT		APPLICABLE	EMISSION LIMIT OR STANDARD	COMPLIANCE DETERMINATION METHO
OINT NO.	UNIT NO.	DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)
ALTERNATION OF THE PROPERTY OF	GREASERS				To 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Operating permits are posted on or near all permitted
VD-027-01	VD-027-01	Vapor Degreaser	N.A.	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed	Rule requires permits granted under 612,110 to be affixed in such a manner as to be clearly visible and accessible.	equipment.
	93		VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612,150 St. Louis County Operating Permit #5612 (Issued: 9/22/88)	Operating Permit #5612: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	N.A.
VD-029-01	VD-029-01	Vapor Degreaser	N.A.	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible.	Operating permits will be posted on or near all equipment.
			VOCAHAP	St. Louis County APC Code, Chapter 612 - Section 612,150 St. Louis County Operating Permit #: (Issued: pending)	Operating Permit:	Operating Permit:
VD-042-01	VD-042-01	Vapor Degreaser	N.A.	St. Louis County APC Code, Chapter 612 - Section 612.120,	Rule requires permits granted under 612.110 to be affixed	Operating permits will be posted on or near all
			J	Permits to be Visually Affixed or Placed	in such a manner as to be clearly visible and accessible.	equipment.
1	1		VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612.150		
				St. Louis County Operating Permit # 5083 (Issued: pending)	Operating Permit #5083: Permit requires that the source is operated "pursuant	N.A.
,	1		1	f	to the conditions set out in the operating permit application".	
,	1			(There are no "permit conditions" or "emission limits"	
,	1		1	()	identified in either the permit or permit application. The	
,	1		1	(information presented in the application was provided to	
,	1		1	ſ	document that this source qualified for a de minimis permit.	
VD-101-01	VD-101-01	Vapor Degreaser	N.A.	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed	Rule requires permits granted under 612,110 to be affixed in such a manner as to be clearly visible and accessible.	Operating permits are posted on or near all permitted equipment.
1	1		VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612,150		1
- '	1		1	St. Louis County Operating Permit #5078 (Issued: 10/21/82)	Operating Permit #5078: Permit requires that the source is operated "pursuant	N.A.
	1		1	1	to the conditions set out in the operating permit application",	
					There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The	
	1 - 1		4 - 7		information presented in the application was provided to	
N.					document that this source qualified for a de minimis permit.	and the second second
VD-101-02	VD-101D-04	Vapor Degreaser	N.A.	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible.	Operating permits are posted on or near all permitted equipment.
			VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612,150 St. Louis County Operating Permit #6168 (Issued: 12/14/95)	Operating Permit #6168: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	N.A.

STATE & LOCALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

		STATE	1 & LOCALLY E	ENFORCEABLE APPLICABLE REQUI	INEIVER (Emission em Species)	Section
FORM O	P - D04			O AL	Plant No.	Year Submitted
Facility Na McDon		las Corporation		County No. 4300	0230	1997
Note: In a	idition to the fo	Howing "emission unit specif	ic" applicable requires	ments, all emission points included on this form are rep re, and submit an annual emissions report for these sou	ported annually in McDonnell Douglas' Emission urces is being addressed herein as a "plant-wide"	
EIQ	EMISSION	EMISSION UNIT	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METH (TESTING, MONITORING, ETC.)
POINT NO.		DESCRIPTION	POLLUTANT			
VD-102-01	VD-102-01	- Vapor Degreaser	N.A.	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible.	Operating permits are posted on or near all permitted equipment.
			VOCAHAP	St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit #5081 (Issued: 10/21/82)	Operating Permit #5081: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	N.A.
VD-220-01	VD-220-01	Vapor Degreaser	N,A,	St. Louis County APC Code, Chapter 612 - Section 612.120, Permits to be Visually Affixed or Placed	Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible.	Operating permits are posted on or near all permitted equipment.
			VOC/HAP	St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit #5076 (Issued: 10/21/82)	Operating Permit #5076: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.	N.A.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

acility Name	County No.	Plant No.	Year Submitted
McDonnell Douglas Corporation	4300	0230	1997
McDonnell Douglas Corporation	4300	0230	l I

		EMISSION UNIT		nd submit an annual emissions report for these sources is being	EMISSION LIMIT OR STANDARD	COMPLIANCE DETERMINATION MET
EIQ POINT NO.	EMISSION UNIT NO.	DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)
	GREASERS					
VD-027-01	VD-027-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63,460, 63,464, 63,465, 63,466, 63,467 and 63,468 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjuction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 1- 1995. This degreaser shall comply by using the 3-m rolling average compliance option. (See Form OP-I future compliance determination methods.)
			voc	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications and work practice standards for open-top degreasers and conveyorized degreasers, 2) monthly record keeping requirements, and 3) annual operator training.	McDonnell Douglas uses open-top vapor degreasers that meet the equipment specifications identified in Section (4) (B) and the work practice standards identified in Section (5) (B). Annual operator trainified and monthly record keeping systems have been established. A list of qualified operators and operat procedures is posted on this machine.
			VOCATAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1673:	None	N.A.
VD-029-01	VD-029-01	Vapor Degreaser	НАР	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjuction with work practice standards and automated parts handling.	An initial notification was sent to EPA on October 1996. Construction on this degreaser has not been completed. At start-up, this degreaser shall comply using the 3-month rolling average compliance optic (See Form OP-D05 for future compliance determine methods.)
			voc	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01
			VOCAIAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6258 (Issued: 2/5/97)	Construction Permit #6258: 1. Unit is limited to 2,563 gallons of TCE per year on a 12 month rolling average. 2. Records of monthly TCE usage shall be kept for the latest 24 month period and shall be furnished upon request by the Program Manager. 3. If the records indicate TCE usage is in excess of 2,563 gallons per year, the Program Manager shall be notified by the next working day.	Construction Permit #6258: At star-up, McDonnell Douglas will demonstrate compliance by the record keeping methods and rep requirements specified in conditions # 2 and #3 of permit.
VD-042-01	VD-042-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63,460, 63,464, 63,465, 63,466, 63,467 and 63,468 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjuction with work practice standards and automated parts handling.	An initial notification was sent to EPA on October 1995. This degreaser shall comply by using the 3-rolling average compliance option. (See Form OP future compliance determination methods.)
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1137:	None	N.A.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific) Secti FORM OP - D04 Year Submitted Plant No. County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. EMISSION LIMIT OR STANDARD COMPLIANCE DETERMINATION METI APPLICABLE. **EMISSION UNIT** EMISSION (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION POINT NO. UNIT NO. VAPOR DEGREASERS An initial notification was sent to EPA on October 23 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning Rule establishes design requirements, sets standards, HAP Vapor Degreaser CC-STL-01 | VD-042-02 and offers affected solvent cleaning machines three 1995. However, a compliance determination is not NESHAP required at this time since the compliance date for this options for compliance: 1) installing emission control Applicable Subsections 63,460, 63,463, 63,465, 63,466, 63,467 and 63,468 NESHAP is not until December 2, 1997 for existing equipment, 2) meeting an idling mode emission limit, or 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations 3) meeting a limit on total emissions. Options 1 and 2 (same as 40 CFR Part 63, Subpart T) are in conjuction with work practice standards and automated parts handling. McDonnell Douglas uses open-top vapor degreasers Rule establishes: 1) equipment specifications and work 10 CSR 10-5,300, Control of Emissions from Solvent Metal Cleaning VOC that meet the equipment specifications identified in practice standards for open-top degreasers and Section (4) (B) and the work practice standards conveyorized degreasers, identified in Section (5) (B). Annual operator trainin 2) monthly record keeping requirements, and and monthly record keeping systems have been 3) annual operator training. established. A list of qualified operators and operation procedures is posted on this machine. An initial notification was sent to EPA on August 14 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning Rule establishes design requirements, sets standards, VD-101-01 HAP VD-101-01 Vapor Degreaser 1995. This degreaser shall comply by using the 3-mand offers affected solvent cleaning machines three NESHAP rolling average compliance option. (See Form OP-I Applicable Subsections 63:460, 63:464, 63:465, 63:466, 63:467 and 63:468 options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or for future compliance determination methods.) 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations 3) meeting a limit on total emissions. Options 1 and 2 (same as 40 CFR Part 63, Subpart T) are in conjuction with work practice standards and automated parts handling. Same as EU: VD-027-01 Same as EU: VD-027-01 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. St. Louis County Construction Permit #1172 An initial notification was sent to EPA on August 1 Rule establishes design requirements, sets standards, 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning HAP VD-101-02 VD-101D-04 Vapor Degreaser This degreaser shall comply by using the 3-month and offers affected solvent cleaning machines three NESHAP options for compliance: 1) installing emission control rolling average compliance option. (See Form OP-Applicable Subsections 63,460, 63,464, 63,465, 63,467 and 63,468 for future compliance determination methods.) 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 (same as 40 CFR Part 63, Subpart T) are in conjuction with work practice standards and automated parts handling. Same as EU: VD-027-01 Same as EU: VD-027-01 10 CSR 10-5,300, Control of Emissions from Solvent Metal Cleaning VOC 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. St. Louis County Construction Permit #6168 None An initial notification was sent to EPA on August 1 Rule establishes design requirements, sets standards, HAP 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning VD-102-01 VD-102-01 Vapor Degreaser This degreaser shall comply by using the 3-month and offers affected solvent cleaning machines three rolling average compliance option . (See Form OPoptions for compliance: 1) installing emission control Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 equipment, 2) meeting an idling mode emission limit, or for future compliance determination methods.) 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations 3) meeting a limit on total emissions. Options 1 and 2 (same as 40 CFR Part 63, Subpart T)

10 CSR 10-5,300, Control of Emissions from Solvent Metal Cleaning

10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110

St. Louis County Construction Permit #1175

VOCATAP

Same as EU: VD-027-01

N.A.

are in conjuction with work practice standards and

Same as EU: VD-027-01

None

automated parts handling.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Facility Na	me			County No.	Plant No.	Year Submitted
-	McDonne	ell Douglas Corpora	ition	4300	0230	1997
Note: In aduntess other	dition to the followise noted. McD	wing "emission unit specific" a connell Douglas' obligation to r	appilcable requirement ecord keep, prepare, a	ts, all emission points included on this form are reported annual and submit an annual emissions report for these sources is being APPLICABLE	illy in McDonnell Douglas' Emission Inventory Q g addressed herein as a "plant-wide" applicable r EMISSION LIMIT OR STANDARD	uestionnaire equirement. COMPLIANCE DETERMINATION MET
POINT NO.		DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)
	GREASERS					
VD-220-01	VD-220-01	Vapor Degreaser	НАР	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjuction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 1- This degreaser shall comply by using the 3-month rolling average compliance option. (See Form Op- for future compliance determination methods.)
ı			voc	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01

10 CSR 10-6.060, Construction Permits Required/

St. Louis County APC Code, Chapter 612 - Section 612.110

St. Louis County Construction Permit #1171

VOC/HAP

FORM OP - D04

Sect

N.A.

None

The Boeing Company P.O. Box 516 St. Louis, MO 63166-0516 (314) 232-0232 TELEX 44-857

464C-4228-AYP November 7, 1997

Missouri Department of Natural Resources Division of Environmental Quality P.O. Box 176 205 Jefferson Street Jefferson City, Missouri 65102-0176 (cuth)
Tim/Sue?

(1/14/97

() Boeing

ATTN: Mr. Tim Hines

Reference: (1) DNR Letter Requesting Original Signatures, (Project 183-0010-0001), dated October 6, 1997

Dear Mr. Hines:

Enclosed are copies of Forms OP-AO1 and OP-EO2 with original signatures signed in ink as you requested per Reference (1). If you have any questions, please contact me at (314) 232-4799.

Sincerely,

A. Yvonne Pierce

Group Manager, Environmental Engineering Environmental and Hazardous Materials Services Dept. 464C, Mailcode S111-1099

AYP:kcb

EC: St. Louis County Department of Health Air Pollution Control Section 111 South Meramec Avenue Clayton, Missouri 63105

ATTN: Mr. Charles Wildt



State of Missouri **Department of Natural Resources** Air Pollution Control Program P.O. Box 176 Jefferson City, MO 65102

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FORM OP - A01 A	PPLICATION	FOR	AUTHO	RITY TO OP	ERATE			
All applicatio	ns MUST be i	n dup	licate and	d accompani	ed by a single	∍ \$100 fi	ling fee	
Section A - General Ap								
1 Facility Name			gradual transmission and	County No.	Plant No	·	ar Subm	I
McDonnell Douglas Cor	poration			4160	0010			997
Facility Street Address						Cou	nty Name	
2600 North Third Street							St. Ch	arles
City	State	Mail	(ZIP) Cod		Facility Pho			
St. Charles	MO 63301			(314) 2 Facility Fax	232-4799 No.			
Facility Mailing Address					-	NO. 234-7177		
P.O. Box 516, MC S-111		Moil	(ZID) Cod	0	Mo. Senator		t No.	
City	1 1 224				W.O. Condition	2:		
St. Louis			Mo. Represe	ntative D	istrict No).		
Facility Contact Person Yvonne Pierce						1		
Contact Person Title		$-\top$	1/4	1/4	Section	Tow	nship	Range
Group Manager, Environ	nmental and							
Hazardous Materials Se	rvices				20		7N	5E
2 Parent Company Name				Contact Pers	(1) A 2015 YELL TO ALL AND A 100 TO A	Phone N		4700
McDonnell Douglas Cor	poration		***	Yvonne Piero	PROMPLY THE PROPERTY OF	(314 State	EC. LANGUAGE	4799 (ZIP) Code
Mailing Address P.O. Box 516, MC S-111	1099			City St. L		MO		63166
Type of Application (C	heck one bo	x eac	h for 3 a	nd 4)	1.12	30		
3 X Part 70 (Major)			Intermed	liate State			Basic Sta	ite
4 X Initial			Renewal	Permit No.			Minor Pe Modificat	
De minimis Mo	dification		Significa	ant Permit Mod	lification		Administ Amendm	- 1
5 Applicant's Certificati "I certify, based on informare true, accurate and co	mation and belief	forme	d after reas	sonable inquiry,	the statements	and inforn	nation in t	his document
Signature of Responsible		gany				Date	_	_
X John XI	Un L) el	1			X	11-5	97
Type or Print Name of Sign	ner '							
Official Title of Signer						Telepho	one	- 10
Vice President/General Ma	inager Producti	on On	erations a	nd General Se	rvices	(314) 233	-4000
MO790 4540 /DEV April 44		э ор						Page A01-1

RM OP - E02 COMPLIANCE C	ERTIFICATION STATE		
acility Name	County No.	Plant No.	Year Submitted
cDonnell Douglas Corporation	4160	0010	1997
Complete this form once per applic	ation with respect to all a	oplicable requiremen	nts at the source.
Schedule for submission of compliance	certification during the pe	rmit term	
Frequency of Submittals	REMISER TO HELP HELD FOR A STATE OF THE STAT		Beginning Date January 1, 1998
Ar	nnually		January 1, 1990
Statement of compliance with enhanced	The state of the s	Description of the Printer Color of the Colo	10 15 15 15 15 15 15 15 15 15 15 15 15 15
Is the Air Contaminant Source Identified Monitoring and Compliance Certification	Requirements?		
Yes: (See Note No: Below)	(If No, Describe Wh	nich Requirements A	re NOT Being Met)
Descrip	ption of Requirement Not	Being Met	
N. E. Sillins N. Learning Co.			II Davelae ehell
ote: The Compliance Assurance Monitorin	ng Rule has not been final	ized by EPA. McDor	nell Douglas shall
chieve compliance for each affected emiss	ion unit or operation subj	ect to the rule by the	compliance date.
Certification of compliance with all appl	icable requirements		
This cortification must be signed by a re	esponsible official (See In	structions).	
This certification must be signed by a re	esponsible official (See In	structions).	ete.
This certification must be signed by a re Applications without a signed certificati	esponsible official (See Insider of compliance will be re	eturned as incomple	
This certification must be signed by a re Applications without a signed certificati	esponsible official (See Insion of compliance will be a	returned as incomple moliance is not achiev	red, I hereby certify that,
This certification must be signed by a re Applications without a signed certification Except for requirements identified in the abbased on information and belief formed after the signed certification and the signed certification and the signed certification as a signed certification and the signed cer	esponsible official (See Insion of compliance will be repove statement for which conter reasonable inquiry, the air	returned as incomple moliance is not achiev	red, I hereby certify that,
Applications without a signed certificati	esponsible official (See Insion of compliance will be repove statement for which conter reasonable inquiry, the air	returned as incomple moliance is not achiev	red, I hereby certify that,
This certification must be signed by a re Applications without a signed certification Except for requirements identified in the abbased on information and belief formed after the signed are the signed and the signed are the signed by a result of the signed certification.	esponsible official (See Insion of compliance will be repove statement for which conter reasonable inquiry, the air	returned as incomple moliance is not achiev	red, I hereby certify that,
This certification must be signed by a re Applications without a signed certification Except for requirements identified in the abbased on information and belief formed after the signed are the signed and the signed are the signed by a result of the signed certification.	esponsible official (See Insion of compliance will be repove statement for which conter reasonable inquiry, the air	returned as incomple moliance is not achiev	red, I hereby certify that, identified in this application
This certification must be signed by a real Applications without a signed certification. Except for requirements identified in the absolution based on information and belief formed after in compliance with all applicable requirements.	esponsible official (See Insion of compliance will be repove statement for which conter reasonable inquiry, the air	returned as incomple moliance is not achiev	red, I hereby certify that,
This certification must be signed by a re Applications without a signed certification Except for requirements identified in the abbased on information and belief formed after the signed and the signed certification.	esponsible official (See Insion of compliance will be repove statement for which conter reasonable inquiry, the air	mpliance is not achiever contaminant source	red, I hereby certify that, identified in this application
This certification must be signed by a real Applications without a signed certification. Except for requirements identified in the absolution based on information and belief formed after in compliance with all applicable requirements.	esponsible official (See Insion of compliance will be repove statement for which conter reasonable inquiry, the air	mpliance is not achiever contaminant source	red, I hereby certify that, identified in this application
This certification must be signed by a real Applications without a signed certification. Except for requirements identified in the absolution based on information and belief formed after in compliance with all applicable requirements.	esponsible official (See Insion of compliance will be repove statement for which conter reasonable inquiry, the air	mpliance is not achiever contaminant source	red, I hereby certify that, identified in this application

RM OP	5 COMPLIA	NCE DETERMINATION ME	THODS		FEDERALLY ENFORC	CEABLE	Section D
clity Name	e ouglas Corporation	-	County No	o. 4300	Plant No. 0230		Year Submitted 1997
mission Po			D-027-01	44	quirement: 40 CFI sections of: 63.460, 63.4		Subpart T: 5, 63.467 and 63.468
Complian	nce Demonstration Meth	ods (Testing, Monitoring, Recor	dkeeping, R	eporting, etc.)			
And the second of the second o	Applicable Method	Contract (The Contract of Management of Contract of Co		Basis of Con	npliance Method		
	Testing	Monitorin	ng	X A	applicable Requirements		
X	Recordkeeping	X Reporting	9		Sap Filling		N 200
Testing				.40 .45 .25			
	Describe any tests wh operating conditions e	ich have been performed to quantifications are seen performed to quantifications are summar to the test and summar	fy emissions. y of results.	Include the date of	of the test, methods and p	procedures	used, testing company,
ate	Test Method	Firm		Operating Co	nditions	Summar	y of Results
	N.A.						
Recordk	List parameters for wh	nich records are being maintained, For each recorded parameter inclu	the frequency	y of such records (lod of measuremen	nourly, daily, etc.) And the	e length of	time records are retained
arameter (c	data) Being Recorded	Measurement Method			Frequency		Record Retention
	solvent usage	1) Keep logs of dates added and removed. 2) Keep calculation shand 3-month average	neets showir	ng how monthly	monthly		5 years
Monitori	ng					d	
		n monitoring used, location of moni	itor, pollutant	s being monitorea,	sampling frequency and	ouration, a	Ilutant(s) Being
lonitoring l	Device Type N.A.	Location Description					matanit(5) Boing
ampling Fr	requency	Duration of Sampling		How Data Wil	l Be Reported		
Reportir	ng			20.27			1. 4. 1. 8. 2 3 to 5
		requirements and provide the title			als to the agency.	Submitte	l Frequency
	Requirement		Title of Rep			1) semia	
,	ice report		,	ince Report		2) annu	•
) solvent e	mission report			Emission Report			
	Attach description for	r any Alternate Compliance Dem	onstration N	lethods not listed	above and label as EXI	HIBIT FOR	M OP - D05

Facility Name			County No.	Plant No.	Year Submitted
McDonnell Douglas C	orporation		4300	0230	1997
Emission Point No.		Emission Unit No.		Source C	Classification Code (SCC)
VD-101-01		VD-	101-01		4-01-002-05
1. Emission Unit(s) In	formation				
Description	n Of Unit(s)		acturer, Model N e Of Manufacture		Maximum Design Rate/Capacity
Trichloroethylene V	apor Degrease	r			
Emission Unit Nos.					
VD-101-01			Unknown	N.A.	N.A.
Will this unit be opera	ted under an a	Iternate operating	scenario?		Total Maximum DesignRate/Capacity
Yes: X No: _		If Yes, you must co	mplete a separa	te Section D.2	Designivater capacity
703		on FORM OP - D03	for each scenar	io.	N.A.
2. Alternate Operating	g Scenario (Fle	xibility)			
Alternate Scenario ID	THE RESERVE AND ADDRESS OF THE PARTY OF THE		SIC Code A	ssociated with S	
	VD-01				3721
Description					21.006
This alternate opera	ting scenario	s being requested	to give Boeing S	ot. Louis the flex	dibility to use
			as allowed unde	r the Halogenate	ed Solvent Cleaning
NESHAP, 40 CFR Pa	art 63, Subpart	Ţ. [2]			
10 1111					
	. 41 1 1 5.41	his name if addition	al appea is pood	led for multiple	Alternate Operating
Use FORM OP - F01 of Scenarios.	or the back of t	nis page it addition	ai space is need	ieu ioi multipie /	atomate Operating
3. Voluntary Permit C	conditions for	reducing potential e	missions, conditio	ons will become f	ederally enforceable.
Condition(s)		<u>ा सर्वे अपन्त</u> ्र ।			
Requested		Description		Limitation	Pollutant Controlled
N.A.		N.A.		N.A.	N.A.
			 ·		

Duplicate this form as needed

EMISSION UNIT INFORMATION

FORM OP - D03

MO 780-1519 (REV. April 11, 1996)

Section D

Page D03-10

Enclosure (10

ORM OP -	ან COMPLIA	NCE DETERMINATION N	METHODS	FEDERALLY E	ENFORCEABLE-ALT. C	OP. SCEN	ARIO Section D
Facility Name	e louglas Corporation		County No.	1300	Plant No. 0230		Year Submitted 1997
Emission Po		Emission Unit No.	VD-101-01		quirement: 40 CFI osections of: 63.460, 63.4		Subpart T: 5, 63.467 and 63.4 6 8
5. Complian	nce Demonstration Meth	ods (Testing, Monitoring, Rec	ordkeeping, Rep				
Check the	e Applicable Method			Basis of Con	npliance Method		
	Testing	Monito	oring		Applicable Requirements		
X	Recordkeeping	X Report	ting		Sap Filling		-A-331 - W-371
Testing	Describe any tests whi operating conditions ex	ich have been performed to quan xisting during the test and summ	ntify emissions. Ir nary of results.	nclude the date o	of the test, methods and p		
Date	Test Method N.A.	Firm		Operating Co	nditions	Summar	y of Results
Recordk	List parameters for wh	ich records are being maintained For each recorded parameter in	d, the frequency onclude the method	f such records (of measuremer	hourly, daily, etc.) And the	e length of	
Parameter (data) Being Recorded	Measurement Metho	od		Frequency		Record Retention
	solvent usage	1) Keep logs of date added and removed 2) Keep calculation and 3-month average.	d. sheets showing	how monthly	monthly		5 years
Monitor	ng ,						
Monitoring	Describe any emission Device Type N.A.	n monitoring used, location of mo	onitor, pollutants b on	peing monitored,	sampling frequency and	Po	ollutant(s) Being
Sampling F	requency	Duration of Samplin	ng	How Data Wi	Il Be Reported		
Reportir	Describe all reporting	requirements and provide the tit	lle and frequency	of report submitt	als to the agency.		
Reporting R	Requirement		Title of Repor	rt			al Frequency
1) exceedan	•		1) Exceedance			1 ′	annually
2) solvent e	mission report			nission Report		2) annu	
	Attach description for	any Alternate Compliance De	monstration Met	hods not listed	above and label as EXI	HIBIT FOR	RM OP - D05

May 1, 1997

Mr. Tim Froeschner
St. Louis County-Department of Health
Air Pollution Control Section
111 South Meramec
Clayton, Missouri 63105

Dear Mr. Froeschner:

McDonnell Douglas Corporation is herein submitting the Title V Operating Permit Application for its St. Louis facilities. The information presented in this application represents McDonnell Douglas' operations in Tract I and II only. Operations which occur in other tracts (also located in St. Louis County) are not included in this application. As you recall from our meeting on December 9, 1996, McDonnell Douglas has determined, based on potential-to-emit estimates, that operations in these tracts (i.e., Tracts III and IV) are either exempt from Title V operating permit requirements or are candidates for a Basic State Operating Permit (per 10 CSR 10-6.065) with a later submittal date.

McDonnell Douglas is pleased to offer any assistance to you during your review of this application, and we look forward to working with you in preparing the upcoming draft permit. If you have any questions, please feel free to call me at (314) 232-4799.

Sincerely,

Yvonne Pierce Group Manager, Environmental and Hazardous Material Service McDonnell Douglas Corporation

ADDENDUM

(to cover letter)

Aerospace NESHAP Initial Notification

County No. 4300 Plant No. 0230

As provided for in 40 CFR 63.753(a)(2), this Part 70 permit application is being submitted to meet the Initial Notification requirements for an existing source subject to the Aerospace NESHAP. On 22 December 1995, McDonnell Douglas submitted an initial notification to EPA Region VII, with copies to Missouri DNR and St. Louis County, but shortly thereafter, EPA amended the Aerospace NESHAP to set a later initial notification deadline of 1 September 1997. The elements of the initial notification [40 CFR 63.9(b)(2)] and their references within this permit application are described below:

I. Name and address of the owner or operator:

Form OP-A01.

ii. The physical location of the affected source:

Form OP-A01.

iii. An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date:

Aerospace Manufacturing and Rework Facilities NESHAP.

40 CFR 63 Subpart GG

Effective date: 1 September 1995.

Compliance Date for Existing Sources: 1 September 1998.

iv. A brief description of the nature, size, design, and method of operation of the source, including its operating design capacity and an identification of each point of emission for each hazardous air pollutant, or if a definitive identification is not yet possible, a preliminary identification of each point of emission for each hazardous air pollutant:

Emission units are described in Forms OP-D04 with the Aerospace NESHAP as an applicable requirement.

v. A statement of whether the affected source is a major source or area source:

Major NESHAP source per 40 CFR 63.2.

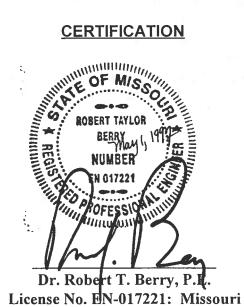
TITLE V OPERATING PERMIT APPLICATION

McDonnell Douglas Corporation St. Louis, Missouri

APPLICATION INDEX

<u>Section</u>	Section Title
Α	Forms OP-A01, OP-A02, OP-A03, and OP-F01
В	Emission Inventory Questionnaire
С	Forms OP-C01, OP-C02, and OP-C03
D	Forms OP-D01, OP-D02, OP-F01, OP-D03, OP-D04, and OP-D05
Е	Forms OP-E01 and OP-E02
F	Form OP-F02

CERTIFICATION





State of Missouri **Department of Natural Resources** Air Pollution Control Program P.O. Box 176 Jefferson City, MO 65102

OFFICE USE ONL	
FILING FEE	
CHECK NO.	CHECK RECEIVED
CHECK AMOUNT	CHECK DATE
PROJECT NUMBER	

APPLICATION FOR AUTHORITY TO OPERATE

ORIVI OP - AUT AF	PLICATION	ON ACTIO					
All application	s MUST be in	duplicate an	d accompanie	ed by a single \$	3100 filing fee		
Section A - General App	olication Info	rmation		e e	ly a		
1 Facility Name			County No.	Plant No.	Year Subm		
McDonnell Douglas Corp	oration		4300	0230		997	
Facility Street Address					County Name		
Lindbergh and McDonne	ll Blvd.				St. Louis	•	
City	P 111			Facility Phone			
St. Louis	MO	63145 (314			232-4799		
Facility Mailing Address				Facility Fax No			
P.O. Box 516, MC S-1111	099				234-7177		
City	State	Mail (ZIP) Code		Mo. Senatorial District No.			
St. Louis	МО	63	166		24		
Facility Contact Person Mo. Repres					entative District No.		
Yvonne Pierce				1	79	Donne	
Contact Person Title		1/4	1/4	Section	Township	Range	
Group Manager, Environ				4	46N	6E	
Hazardous Materials Ser	VICES		Contact Pers		Phone No.		
2 Parent ompany Name			Contacticis		1010		
Service Addresses			City	Sta	ate Mail	(ZIP) Code	
Mailing Address			Oily				
	p.	Section 2	ad 4)	A CONTRACTOR			
Type of Application (Cl	теск опе вох	each for 5 a	illu 4)		S. Sola Commen	All Control of the Co	
3 X Part 70 (Major)		Interme	diate State		Basic St	ate	
4 X Initial			Renewal (Current Permit No.			Minor Permit (
De minimis Mod	lification	Signific	ant Permit Mod	ification	Administrative Amendment		
5 Applicant's Certification "I certify, based on inform are true, accurate and co	nation and belief	formed after rea	sonable inquiry,	the statements and	d information in t	his document	
Signature of Responsible Official of Company Au					5-5-97		
Type or Print Name of Sign			ıdi				
rficial Title of Signer	Telephone						
Vice President/General Manager, Production Operations and General Services					(314) 233 - 4000		
MO790 4540 (DEV April 11						Page A01-1	

Permit Shield Request

Per 10 CSR 10-6.065 (6)(C)6., McDonnell Douglas Corporation is hereby requesting, as part of this application, a permit shield for all applicable requirements. Compliance with the conditions of the permit shall be deemed compliance with all applicable requirements as of the date the permit is issued.

FORM OP - A02 APPLICATION FOR AUTHORITY TO OPERATE Section A							
	y Name nnell Dougla	as Corporation	TERE	County 43		Plant No. 0230	Year Submitted 1997
Section A - Continued							
List a	I the facility	's principal produc	t and processes				
6	Principal P Aircraft Ma	roduct nufacturing	Sami Mo con-		111	Two-Digit S	IC Code
7	Processes Guided Mis	siles and Space Ve	ehicles		_	37	1 200
	Airports, F	lying Fields, and Se	ervices			45	
	THE DESCRIPTION	I HICKORD IN CIT					
						41 1- 8 11 11	•
8			narios for any Emission L	***************************************	20000000000000		***
	Yes _/	No	(If Yes, you MUST comp	lete Sectio	n D.2 o	of FORM OP - D0:	3 of this Application)
9	Has this fa	cility submitted an	Emission Inventory Ques	tionnaire (EIQ)?		
	Yes 🗸	No	If Yes, date of mos	t recent E	IQ:	March	24, 1997
		h b	If No, submit two complete the follo	•	•	leted EIQ with the	is application and
Emiss	sion Invento	ry - (Section B) Ind	icate the number of each	form subn	nitted v	vith application.	
N.A.	_1.1 PRO	OCESS FLOW DIAGRAM		N.A. 2	2.4 PE	TROLEUM LOADING	WORKSHEET
N.A.	-	MMARY OF EMISSION F					AGE-FIXED ROOF TANK
N.A.	-	ISSION POINT INFORM/ NTROL DEVICE INFORM					AGE TANK INFORMATION AGE-FLOATING ROOF TANK
N.A.	-	RTABLE PLANT INFORM					EMISSIONS WORKSHEET
N.A.	-	ACK INFORMATION				ORAGE PILE WORKS	HEET
N.A.	2.0Z OZ(ONE SEASON INFORMA	TION	N.A. 2	2.9 ST.	ACK TEST/CONTINU	OUS EMISSION MONITORING
N.A.	- TSSS	EL COMBUSTION WORK				RKSHEET	
N.A.	_	INERATOR WORKSHEE		<u>N.A.</u> 2	2.T HA	ZARDOUS AIR POLL	JTANT WORKSHEET
N.A.	_	C PROCESS MASS-BAL					
n iv	lutticate nie r	umberand type oreas	h form attached as part of this a	вррисацон			
Insig		vities - (Section C)					
1	-		NOT REQUIRED TO BE LISTED REQUIRED TO BE LISTED	15	OP-C03	LIST OF INSIGNIFIC	CANT ACTIVITIES
Fmis	- 1	ormation - (Section					
1		STING PLANT- WIDE PE		93 (OP-D04	APPLICABLE REQU	JIREMENTS
1	The second of th			89 (OP-D05	COMPLIANCE DET	ERMINATION
7	OP-D03 EMI	SSION UNIT INFORMAT	ION				
Comp		, Status and Certific	•				
1	-	MPLIANCE PLAN/STATU			OP-E02	COMPLIANCE CER	TIFICATION STATEMENT
Gene		its and Completene NERAL COMMENTS	ess Checklist - (Section F)		OP- F0 2	COMPLETENESS (CHECKLIST
	_ OF-FUI GEN	4ELAZE COMMUNEM 19			Ų1 -1 U2	Join LETEREOU (

Duplicate this form as needed

Page A02-1

MO 780-1519 (REV. April 11, 1996)

Section A APPLICABLE REQUIREMENTS CHECKLIST FORM OP - A03 County No. Plant No. Year Submitted **Facility Name** 0230 1997 4300 McDonnell Douglas Corporation partment of Natural Resources, Division 10 - Air Conservation Commission **Applicability** <u>No</u> <u>Yes</u> Organization Chapter 1: **TITLE** Organization⁸—see legend in the instructions State enforceable version reference date: <u>4/2/87</u> Federally enforceable version reference date: <u>7/21/83</u> 10 CSR 10-1.010 Air Quality Standards and Air Pollution Control Rules Specific to the Kansas City Metropolitan Area Chapter 2: TITLE Restriction of Emission of Particulate Matter from Industrial Processes¹ State enforceable version reference date:10/13/83 Federally enforceable version reference date:10/5/89 10 CSR 10-2.030 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating State enforceable version reference date: 3/14/84 Federally enforceable version reference date: 1/124/85 10 CSR 10-2.040 Restriction of Emission of Visible Air Contaminants⁹ State enforceable version reference date: 7/16/79 Federally enforceable version reference date: 3/18/80 10 CSR 10-2.060 Restriction of Emission of Odors¹⁰
State enforceable version reference date: 8/15/83
Federally enforceable version reference date: <u>State Only Rule</u> 10 CSR 10-2.070 Emission of Visible Air Contaminants From Internal Combustion Engines State enforceable version reference date: 12/26/68 Federally enforceable version reference date: 3/18/80 10 CSR 10-2.080 Open Burning Restrictions⁸ State enforceable version reference date: <u>11/9/83</u> Federally enforceable version reference date:<u>8/31/84</u> 10 CSR 10-2.100 Time Schedule for Compliance⁸
State enforceable version reference date: <u>3/26/70</u>
Federally enforceable version reference date: <u>3/18/80</u> 10 CSR 10-2.150 Restrictions of Emission of Sulfur Compounds²
State enforceable version reference date: 10/14/77
Federally enforceable version reference date: <u>3/18/80</u> 10 CSR 10-2.160 Restriction of Emission of Sulfur Compounds From Indirect Heating Sources² State enforceable version reference date: 10/14/77 Federally enforceable version reference date: 3/18/80 10 CSR 10-2.200 Control of Emissions From Solvent Metal Cleaning 10 CSR 10-2.210 State enforceable version reference date: 7/1/87 Federally enforceable version reference date: 3/13/89 Liquefied Cutback Asphalt Paving Restricted⁴ State enforceable version reference date: <u>1/3/91</u> Federally enforceable version reference date: <u>7/</u>11/80 10 CSR 10-2.220

APPLICABLE REQUIREMENTS CHECKLIST Section A FORM OP - A03 Plant No. Year Submitted County No. **Facility Name** 1997 0230 4300 ** Donnell Douglas Corporation **Applicability** Reason <u>Yes</u> No_ Control of Emissions From Industrial Surface Coating Operations⁴ 10 CSR 10-2.230 State enforceable version reference date: 8/4/88 Federally enforceable version reference date: 3/5/90 Control of Petroleum Liquid Storage, Loading and Transfer 10 CSR 10-2.260 State enforceable version reference date: 11/27/89 Federally enforceable version reference date: 2/12/91 Control of Emissions From Perchloroethylene Dry Cleaning Installations 10 CSR 10-2.280 State enforceable version reference date: 11/10/81 Federally enforceable version reference date:8/30/82 Control of Emissions From Rotogravure and Flexographic Printing Facilities⁴ 10 CSR 10-2.290 State enforceable version reference date: 7/15/91 Federally enforceable version reference date: 3/5/90

Facilit	y Name	ouglas Corpora			County No. 4300	Plant No. 0230	Year Submitted 1997		
A Yes	pplicabi No	ility Reason					< hr in many		
	/_	D	Kansas City H Chapter 8, Air	lealth Department Quality (Local A	, Air Quality Sec gency Rules Onl	tion y)			
			Section 8-1	Title of Chapter					
-			Section 8-2	Definitions					
			Section 8-3	Administration and	Enforcement of Cha	pter			
			Section 8-4	Open Burning Rest	rictions				
1			Section 8-5	Restriction of Partic	culate Matter				
			Section 8-6	Emission of Sulfur	Compounds				
			Section 8-7	Emission of Odors					
			Section 8-8	Emission of Volatil	e Organic Compound	ds			
_			Section 8-9	Emission of Hazard					
			Section 8-10	Review of New Sou	rces and Modificatio	ns; Permit for Con	struction or Major Modification		
			Section 8-11	Permit to Operate;	Notification and Rec	ordkeeping			
			Section 8-12	Air Quality Control	Board				
-			Section 8-13	Confidentiality of F	Records				
			Section 8-14	Dilution of Emission	on				
			Section 8-15	Emissions Resulti	ng From Uncontrolla	ble Force or Malfu	nctions		
			Section 8-16	Actionable Rights; Violations Declared Public Nuisance					
			Section 8-17	Emergency Condit	tion				
			Section 8-18	Control of Emissic	ons During Periods o	f High Air Pollution	n Potential		
			Section 8-19	Penalty for Violation	on of Chapter				
			Section 8-20	Fees					
Loca	al Agend	y Rules - Fed	erally Enforceabl	e (SIP)					
			Section 18.85	Open Burning Res	strictions				
			Section 18.91	Incinerators					

Restriction of Emission of Sulfur Compounds²

State enforceable version reference date: 7/1/86 Federally enforceable version reference date: 2/17/88

State enforceable version reference date: 10/14/77
Federally enforceable version reference date: 3/18/80

State enforceable version reference date: 2/27/78 Federally enforceable version reference date: 3/14/86

Restriction of Emissions of Sulfur Compounds From Indirect Heating Sources²

Restriction of Emission of Fluorides From Diammonium Phosphate Fertilizer Production⁷

10 CSR 10-3.100

10 CSR 10-3.150

10 CSR 10-3.160

	y Name nnell Do	ouglas Corpora	tion	-11	County No. 4300	Plant No. 0230	Year Submitted 1997
A	pplicab						
<u>res</u>	<u>No</u>	<u>Reason</u>	æ				
		D	Chapter 4:		ty Standards and A		l Regulations for the
			TITLE				
_			10 CSR 10-4.030	State enfor	of Emissions of Particu ceable version referenc	e date:10/13/83	trial Processes¹
				Federally e	nforceable version refe	rence date: <u>5/22/81</u>	
			10 CSR 10-4.040	for Indirect	: Heating ¹		Fuel Burning Equipment Use
				State enfor Federally e	ceable version reference inforceable version refe	e date: <u>3/14/84</u> rence date: <u>1/24/85</u>	
		-	10 CSR 10-4.060	Restriction	of Emission of Visible reable version reference	Air Contaminants ⁹	
				Federally e	enforceable version refe	rence date: <u>3/18/80</u>	
		·	10 CSR 10-4.070	Restriction	of Emission of Odors ¹⁶		
				State enfo	rceable version reference enforceable version refe	ce <u>date:8/15/83</u> erence date: <u>State Only I</u>	Rule
			10 CSR 10-4.090	Open Burr	ning Restrictions¹º		
		<u> </u>	10 001. 10 11000	State enfo	rceable version reference enforceable version refe	ce date: <u>11/9/83</u> erence date: <u>8/31/84</u>	
-			10 CSR 10-4.140	Time Sche	edule for Compliance ^a	ce date: 12/5/69	
				Federally	enforceable version refe	erence date: <u>3/18/80</u>	
			10 CSR 10-4.150	State enfo	n of Emissions of Sulfu rceable version referen	ce date: <u>10/14/77</u>	
				Federally	enforceable version refe	erence date: <u>3/18/80</u>	
			10 CSR 10-4.190	State enfo	n of Emission of Sulfur rceable version referen enforceable version refe	ce date: <u>10/14/77</u>	rect Heating Sources ²

acility Oor	/ Name inell Do	ouglas Corpor	ation	1/1	County No. 4300	Plant No. 0230	Year Submitted 1997
A	plicab						
es_	<u>No</u>	Reason					
		D	Springfield-G Chapter 2A - A	reene County Air Pollution	, Air Pollution Co Control Standard	ontrol Authority Is (Local Agency Ru	iles Only)
			Article I	In General			
			Article II	Administrativ	e Organization		
_			Article III	Approval of P	lanned Installations		
_			Article IV	Restriction of	Emission of Visible	Air Contaminants from E	Equipment
			Article V	Emission of F	Particulate Matter from	m Fuel Burning Equipme	ent
			Article VI	Restriction of	Emission of Particu	late Matter from Industri	al Processes
_			Article VII	Stack Emissi	on Test Method		
_		. 23	Article VIII	Open Burnin	g		
1			Section 2A-32	Emergency Is	ssuance of Permits to	Burn Vegetative Waste	
			Article X	Control of O	dors in the Ambient A	Air	
_			Article XI	Nuisances B	ecause of Air Pollutio	on	a
			Article XII	Submission	of Information		
		186	Article XIII	Variance Pro	visions		
			Article XIV	Sealing			
			Article XV	Hearing			
			Article XVI	Breakdown	of Equipment		
		. 	Article XVII	Circumventi	on		
		·	Article XVIII	Service of C	rders or Notices		•
			Article XIX	Enforceme	nt of This Chapter		
			Article XX	Test Method	is and Tables		
oca	ıl Agen	cv Rules - Fed	erally Enforceabl	e (SIP)			
			Article IX	Incinerator			

acility McDoni		uglas Corp	ooration	1 - Tona 3 - Tr	County No. 4300	Plant No. 0230	Year Submitted 1997
Apr	plicabi No	lity Reason	Chapter 5:	Air Quality Sta Louis Metropo		Pollution Control	Rules Specific to the S
✓			10 CSR 10-5.030	for Indirect Heati State enforceable		ite: <u>3/14/84</u>	uel Burning Equipment Used
.		K_	10 CSR 10-5.040	Use of Fuel in Ha	and-Fired Equipment F e version reference da eable version reference	Prohibited ⁸ ate: <u>3/14/67</u>	
<u>/</u>			10 CSR 10-5.050	State enforceable	nission of Particulate e version reference da eable version referenc	ate: 10/13/83	ial Processes ¹
✓_			10 CSR 10-5.070	Open Burning Ro State enforceabl Federally enforce	estrictions ⁸ e version reference da eable version referenc	ate: <u>6/30/94</u> ce date: <u>8/31/84</u>	
<u>✓</u>			10 CSR 10-5.090	State enforceabl	nission of Visible Air e version reference d eable version referen	ate: <u>1/14/77</u>	
			10 CSR 10-5.110	State enforceable	Emission of Sulfur Dio le version reference d eable version referen	ate: <u>9/14/78</u>	2
/			10 CSR 10-5.120	State enforceable	Sales of Fuels to be Po le version reference d leable version referen	ate: 3/14/67	ned ⁸
		K_	10 CSR 10-5.130	Certain Coals to State enforceab Federally enforce	be Washed ⁸ le version reference d ceable version referen	ate: <u>3/14/67</u> ce date: <u>3/18/80</u>	
			10 CSR 10-5.150	State enforceab	tain Sulfur Compound le version reference d ceable version referen	ate: <u>8/11/78</u>	
			10 CSR 10-5.160	State enforceab	s in the Ambient Air ¹⁰ le version reference d ceable version referen	late: <u>8/15/83</u>	Rule
	_/	<u>B</u>	10 CSR 10-5.170	State enforceab	s From Processing of the version reference of ceable version referer	late: <u>3/14/67</u>	<u>Rule</u>
			10 CSR 10-5.180	State enforceat	sible Air Contaminants de version reference o ceable version referer	late: 3/14/67	bustion Engine ⁹
			10 CSR 10-5.220	State enforceat	oleum Liquid Storage, ole version reference o ceable version referer	date: <u>8/15/94</u>	fer ⁴
	/	D	_ 10 CSR 10-5.240	a Small Land A State enforceal		date: <u>3/14/67</u>	l When Sources Are Clustere
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	y Name inell Do	uglas Corpo	ration		County No. 4300	Plant No. 0230	Year Submitted 1997
Ar ∕es ✓	oplicabi No	lity Reason	10 CSR 10-5.250	State enforce	ule for Compliance ⁸ eable version referen		N N
		<u>D</u>	10 CSR 10-5.290	More Restric	officeable version references ctive Emission Limitate ceable version references forceable version references	tions for Particulate Matt	er in the South St. Louis Area
<u>/</u>			10 CSR 10-5.300	Control of E	missions From Solve eable version referen forceable version refe	nt Metal Cleaning ⁴ ce date: <u>10/4/88</u>	
		<u>B</u>	10 CSR 10-5.310	State enforce	utback Asphalt Paving eable version referen nforceable version refe	ce date: <u>10/4/88</u>	
		B	10 CSR 10-5.320	State enforce	missions From Perch eable version referen nforceable version refe	loroethylene Dry Cleanii ce date: <u>10/4/88</u> erence date: <u>3/5/90</u>	ng Installations ⁴
<u>/</u>			10 CSR 10-5.330	State enforce	missions From Indus eable version referen forceable version ref		erations ⁴
		<u> </u>	10 CSR 10-5.340	State enforce	missions From Rotog eable version referen nforceable version ref		c Printing Facilities ⁴
		<u> </u>	10 CSR 10-5.350	State enforce	emissions From Manu ceable version referen nforceable version ref	ce date: 10/4/88	Pharmaceutical Products ⁴
		<u> </u>	10 CSR 10-5.360	State enforce	Emissions From Polye ceable version referen nforceable version ref	thylene Bag Sealing Ope ce date: <u>10/4/88</u> erence date: <u>3/5/90</u>	erations ⁴
		<u> </u>	10 CSR 10-5.370	State enforce	Emissions From the A ceable version referen nforceable version ref	pplication of Deadeners ice date: <u>10/4/88</u> erence date: <u>3/5/90</u>	and Adhesives ⁴
		<u>J</u>	10 CSR 10-5.380	State enforce	cle Emissions Inspect ceable version referen nforceable version ref	ce date:7/20/94	
		<u>B</u>	10 CSR 10-5.390	Other Allied State enfor	Emissions From Manu d Surface Coating Pro ceable version referer nforceable version ref	ducts	nishes, Lacquers, Enamels an
		<u>B</u> _	10 CSR 10-5.410	State enfor	Emissions From Manu ceable version referer nforceable version ref		Resin ⁴
		В	10 CSR 10-5.420	Plants ⁴ State enfor	Equipment Leaks Fronceable version referent Equipment of the referent of the reference of t	nce date:10/4/88	emical and Polymer Manufacto
	_/	<u> </u>	10 CSR 10-5.430	Parts (App. Broadway, State enfor	lies only to Seigel-Rol St. Louis, Missouri.) ceable version refere	pert Plating Company, In	ne-Plated and Resist Plastic oc. located at 8645 South

Facility Name Tonnell Douglas Corporation			Plant No. 0230	Year Submitted 1997
E E				
S. S				
10 CSR 10-5.440	State enforceable	version reference dat	e: <u>10/7/94</u>	
	rederally enforces	able version reference	, date. <u>periani</u> g	
10 CSR 10-5.442	State enforceable	version reference dat	te: <u>10/7/94</u>	ns⁴
		as Baid Vanor Pressu	ro ⁴	
10 CSR 10-5.443	State enforceable	version reference dat	te: <u>10/7/94</u>	
10 CSR 10-5.450	State enforceable	version reference da	te: <u>10/7/94</u>	
10 CSR 10-5.455	State enforceable	version reference da	ite: <u>10/7/94</u>	
10 CSR 10-5.480	Projects Develop	ed, Funded, or Appro	ved Under Title 23	ion Plans, Programs, and U.S.C. or the Federal Transit
	10 CSR 10-5.440 10 CSR 10-5.442 10 CSR 10-5.443 10 CSR 10-5.450	10 CSR 10-5.440 Control of Emissic State enforceable Federally enforces 10 CSR 10-5.442 Control of Emissic State enforceable Federally enforces 10 CSR 10-5.443 Control of Gasolin State enforceable Federally enforce 10 CSR 10-5.450 Control of VOC E State enforceable Federally enforce 10 CSR 10-5.455 Control of Emissic State enforceable Federally enforces 10 CSR 10-5.455 Control of Emissic State enforceable Federally enforces 10 CSR 10-5.450 Conformity to State Projects Develop Act ^{3,4,5}	10 CSR 10-5.440 Control of Emissions from Bakery Over State enforceable version reference dat Federally enforceable version reference of State enforceable version reference dat Federally enforceable version reference date Federally enforceable version r	10 CSR 10-5.440 Control of Emissions from Bakery Ovens ⁴ State enforceable version reference date: 10/7/94 Federally enforceable version reference date: 10/7/94

acility Name -Donnell Douglas Corpora	ation	County No. 4300	Plant No. 0230	Year Submitted 1997
Applicability es No Reason	e.	ounty Department of Health, A	Air, Land & Water B	Branch,
	Air Pollution	n Control Section 2 - Air Pollution Control Code		
/ J_	612.010	Short Title		
/J	612.020	Scope		
/J	612.030	Definitions		
	612.040	Air Quality Standards and Air F	Pollution Control Regula	ations
	612.050	Division of Air Pollution Contro	ol Established	
	612.060	Director of Air Pollution Contro	ol - Duties	
	612.070	Appeal Board Establishment		
	612.080	Duties of the Appeal Board		
	612.090	Board of Consider Appeal		
	612.100	Emergency Abatement of Viola	ation - Procedure	
	612.110	Permits Required		
	612.120	Permits to be Visibly Affixed of	or Placed	
	612.130	Permit to Sell or Rent		
	612.140	Transfer		
	612.150	Permit to Operate - When Req		
<u> </u>	612.160	General Requirements for App	lications for Authority t	o Construct and Operating Perm
	612.170	Information Required for App	lication for Permits	
	612.180	Standards for Granting Permi	ts	
	612.190	Cancellation of Authority to C	onstruct	
	612.200	Testing Prior to Granting of O	perating Permits	
	612.210	Action on Application for Pen	mits	
	612.220	Suspension or Revocation of	Permits	•
	612.230	Suspension or Revocation of Stay of Action	Operating Permits or Au	thority to Construct, Board Heari
	612.240	Surrender of Permits		
<u> </u>	612.250	Fees, When Payable, Excepti	ons	
	612.260	Permit Fees; Schedules		
	612.270	Permit Fees; Refund		
	612.280	Testing by Order of the Boar	d	
	612.290	Right of Entry; Inspections, S	Samples	

Facility McDoi	y Name nnell Do	uglas Corp	ooration	15 I	County No. 4300	Plant No. 0230	Year Submitted 1997	
Yes Ar	pplicabil <u>No</u>	ity Reason	500				and a	
/			612.300	Variances				
1			612.310	Upset Condition	ns, Breakdown, or Scho	eduled Maintenance	1	
		J	612.320	Service of Noti	ce			
		J	612.330	Reports of Div	ision Technical Experts	; Presumptive Evider	nce of Facts	
		E_	612.335	Permitted Hours of Incinerator Operation				
			612.340	Air Pollution N	luisances Prohibited			
		J	612.350	Disclosure of	Secret Processes Prohi	bited		
		J	612.360	Disclosure of	Secret Processes. Pena	Ity for.		
			612.370	False or Misle	ading Oral Statements;	Unlawful Reproducti	on or Alteration of Documents	
			612.380	Interfering wit	h or Obstructing Division	on Personnel		
			612.390	Penalties for \	/iolation			
		J	612.400	Construction				

cility Don		ıglas Corpo	ration	County No. 4300	0230	Year Submitted 1997	
	plicabili	ty					pp = (1)0
<u>es</u>	No	Reason D	City of St. Louis	s, Div. of Air P	ollution Control (Local Agency Ru	ıles Only)
		Ord	inance 50163				
			Section 4	Division	of Air Pollution Con	trol Created	
			Section 5	Continu	ation of Division of	Smoke Regulation	
			Section 6	Powers	and Duties of Smok	e Commissioner	
			Section 7	Qualific	ations, Powers, and	Duties	
			Section 8	Appoin	tment of Other Emplo	oyees	
		- E	Section 9	Board o	of Air Pollution Contro	ol	
			Section 10	Powers	and Duties of the Bo	pard	
_			Section 11	Importa	ation, Sale, Transport	of Coals	
_			Section 12	Require	ements as to Railroad	l Engines Locomotiv	es
			Section 13	Emissi	on of Dense Smoke P	rohibited	
		1 5	Section 14	Emissi	on of Fly Ash and Oth	ner PM Regulated	
			Section 15	When I	Emissions of Pollutar	nts Become a Nuisar	nce
		All the state of t	Section 16	Tests t	o Determine Quantity	of Pollutants	
_		· ————	Section 17	Regist	ration of Sources of A	Air Pollution	
			Section 18	Permit	s for Fuel or Refuse E	Burning Equipment	
_			Section 19	Labels	to be Affixed to Appr	roved Installations	
_			Section 20	Dealer	s in Refuse or Fuel B	urning Devises	
			Section 21	Comm	issioner to Approve F	Plans and Issue Perm	nits
_			Section 22	Amend	ied by 55293		
		- Lillen	Section 23	Comm	issioner May Enter P	remises	
_			Section 24	Sealin	g of Violating Equipm	nent: Hearing Before	Declaring a Nuisance
			Section 25	Public	Hearing May Be Held	i	* *** ***
			Section 26	Appea	ls: Method of Taking		
			Section 27	Penalt	y Clause		
			Section 28	Separa	ability Clause		
		Or	dinance 55293				
			Section 1	Amen	dment of Section 22	of 50163 - Fees	
		Or	dinance 59270				
			Section 1	Short	Title		
			Section 2	Repea	aler		

Section A FORM OP - A03 Continued Year Submitted County No. Plant No. **Facility Name** 1997 4300 0230 McDonnell Douglas Corporation **Applicability** Reason <u>Yes</u> <u>No</u> **Declaration of Policy** Section 3 **Definitions** Section 4 Commissioner of Air Pollution Control qualifications Section 5 Commissioner of Air Pollution Powers and Duties-Section 6 Board of Air Pollution Appeals and Variance Review Section 7 Maximum Allowable PM from Indirect Heating Section 8 Use of Hand Fired Equipment Prohibited Section 9 Amended by 60023 Section 10 Restriction of Emissions of PM from Existing Foundry Cupolas Section 11 **Open Burning Restrictions** Section 12 Incinerators Section 13 Restriction of Emission of Visible Air Contaminants Section 14 Preventing Air Contaminants from Becoming Air-borne Section 15 Restriction of the Emission of SO₂ from Use of Fuel Section 16 Importation, Sale, Transportation, Use of Certain Coals Section 17 Information on Sales of Fuels to be Provided and Maintained Section 18 Amended by 60023 Section 19 Control of Odors in the Ambient Air Section 20 Control of Odors from Processing of Animal Matter Section 21 Air Pollution Nuisance Prohibited Section 22 Amended by 60023 Section 23 Liquefied Cutback Asphalt Paving Restricted Section 24 Control of Emissions from Rotogravure and Flexographic Printing Section 25 Amended by 60023 Section 26 Control of Emission from Pharmaceutical Manufacture Section 27 **Emissions from Solvent Metal Cleaning** Section 28 Control of Emissions from Perc Dry Cleaning Section 29 Control of Emissions from Polyethylene Bag Sealing Section 30 Amended by 60023 Section 31 Amended by 60023 Section 32 **Emergency Procedures** Section 33 Rules for Controlling Emissions During Periods of High Air Pollution Section 34 Location and Height of Discharge of Air Contaminants. Section 35

Section A FORM OP - A03 Continued Year Submitted Plant No. County No. **Facility Name** 4300 0230 1997 **McDonnell Douglas Corporation Applicability** <u>Reason</u> <u>No</u> Measurements of Emissions of Air Contaminants Section 36 Upset Conditions, Breakdown or Scheduled Maintenance Section 37 **Variances** Section 38 Permits and Inspection Fees Section 39 Rules Governing Sources in Non-Attainment Areas and PSD in Attainment Section 40 Alternate Emission Limits Section 41 **Enforcement** Section 42 Right of Inspection and Disclosure of Production Data Section 43 Confidentiality of Records Section 44 Cooperation Required Section 45 Section 46 Circumvention Continuation Section 47 **Penalty Clause** Section 48 Severability Section 49 **Emergency Clause** Section 50 Ordinance 60023 Amendment of Section 10 of Ordinance 59270 - Restriction of PM from Industrial Processes Section 1 Amendment of Section 19 of Ordinance 59270 -Control of Emissions from Coke Section 2 Manufacturing Amended by 60629 Section 3 Amendment of Section 26 of Ordinance 59270 - Control of Emissions from Industrial Surface Coating Operations Section 4 Amended by 60629 Section 5 Control of Emissions from Manufacture of Paints, Varnishes, Lacquers, Enamels and Other Allied Surface Coating Products Section 6 Control of Emissions from the Use of Deadeners and Adhesives Section 7 Control of Emissions from Manufacture of Polystyrene Products Section 8 Control of Emissions from Production of Maleic Anhydride Section 9 Continuation Section 10 Penalty Clause Section 11 Severability Section 12 Ordinance 60629 Amendment of Section 3 of Ordinance 60023 - Control of Petroleum Liquid - Storage, Loading, and Transfer Section 1 Amendment of Section 5 of Ordinance 60023 - New Performance Standards Section 2 Adopted

ODA	M OP -	<u>A03 Contin</u>	ued				Section A	
Facili	acility Name Donnell Douglas Corporation			County I	No. 300	Plant No. 0230	Year Submitted 1997	
	Applicab No	ility Reason						
Yes			Section 3	Amendment of for Hazardous	Section 32 Air Pollutar	of Ordinance 59270 - N nts Adopted	National Emission Standards	
-			Section 4	Restriction of E Use of Dispers	Emissions (ion Technic	Credit for Reduced Poll ques	utant Concentrations from the	
			Section 5	Control of Equipment Leaks from SOCMI and Polymer Manufacture Plants				
			Section 6	Continuation				
			Section 7	Penalty Clause	•			
			Section 8	Severability				
Loca	al Agenc	y Rules - Fede	erally Enforceable (SIP)	_				
			Ordinance 546999	Section13	Refuse	Burning Prohibited in	Fuel Plant	
			Ordinance 546999	Section 14	Open E	Burning, Salvage, Trad	e Waste	
-			Ordinance 546999	Section 15	Incine	rator Requirements		

Section A FORM OP - A03 Continued Plant No. Year Submitted County No. **Facility Name** 4300 0230 1997 McDonnell Douglas Corporation **Applicability** Reason Air Quality Standards, Definitions, Sampling and Reference Methods Chapter 6: and Air Pollution Control Regulations for the Entire Sate of Missouri TITLE Ambient Air Quality Standards 1,2,3,5,5,7 10 CSR 10-6.010 State enforceable version reference date: 4/28/88 Federally enforceable version reference date: 7/31/89 Definitions and Common Reference Tables⁶ 10 CSR 10-6.020 State enforceable version reference date: 12/15/94 Federally enforceable version reference date: 6/23/92 Sampling Methods for Air Pollution Sources® 10 CSR 10-6.030 State enforceable version reference date: 9/3/91 Federally enforceable version reference date:3/13/89 Reference Methods⁸ 10 CSR 10-6.040 State enforceable version reference date: 1/5/88 Federally enforceable version reference date: 7/31/89 Start-Up, Shutdown and Malfunction Conditions⁹ 10 CSR 10-6.050 State enforceable version reference date: 4/2/87 Federally enforceable version reference date: NA Construction Permits Required® 10 CSR 10-6.060 State enforceable version reference date: 12/15/94 Federally enforceable version reference date: 3/5/91 Operating Permits Required⁵ 10 CSR 10-6.065 State enforceable version reference date: 9/2/93 Federally enforceable version reference date: pending New Sources Performance Regulations (See instructions; 40 CFR part 60)12 10 CSR 10-6.070 State enforceable version reference date: 6/30/94 Federally enforceable version reference date: FRR Emission Standards for Hazardous Air Pollutants (See instructions; 40 CFR part 61or 10 CSR 10-6.080 State enforceable version reference date: 6/30/94 Federally enforceable version reference date: FRR Restriction of Emission of Fluorides From Primary Aluminum Reduction Installations⁷ 10 CSR 10-6.090 State enforceable version reference date: 3/11/81 Federally enforceable version reference date:3/14/86 Alternate Emission Limits4 10 CSR 10-6.100 State enforceable version reference date:6/14/82 Federally enforceable version reference date: State Only Rule Submission of Emission Data, Emission Fees and Process Information⁹ 10 CSR 10-6.110 State enforceable version reference date: 9/2/93 Federally enforceable version reference date:4/17/86 Restriction of Emission of Lead From Primary Lead Smelter-Refinery Installations⁶ 10 CSR 10-6.120 State enforceable version reference date: 2/16/94 Federally enforceable version reference date: 3/6/92 Controlling Emissions During Episodes of High Air Pollution Potential⁹ 10 CSR 10-6.130 State enforceable version reference date: 1/5/88 Federally enforceable version reference date: 7/31/89 Restriction of Emissions Credit for Reduced Pollutant Concentrations From the Use of 10 CSR 10-6.140 Dispersion Techniques^a State enforceable version reference date: 1/6/86 Federally enforceable version reference date: 3/31/89

Section A FORM OP - A03 Continued Year Submitted Plant No. County No. **Facility Name** 0230 1997 4300 **McDonnell Douglas Corporation Applicability** Reason No 10 CSR 10-6.150 Circumvention⁶ State enforceable version reference date: 4/18/90 Federally enforceable version reference date: 4/17/91 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin¹ 10 CSR 10-6.170 State enforceable version reference date: 3/5/90 Federally enforceable version reference date: State Only Rule Measurement of Emissions of Air Contaminants^a 10 CSR 10-6.180 State enforceable version reference date: 8/2/90 Federally enforceable version reference date: 7/23/91 Confidential Information⁸ 10 CSR 10-6.210 State enforceable version reference date: 9/2/93 Federally enforceable version reference date:NA Administrative Penalties® 10 CSR 10-6.230 State enforceable version reference date: 9/11/92 Federally enforceable version reference date: NA Asbestos Abatement Projects - Registration, Notification and Performance 10 CSR 10-6.240 Requirements7 State enforceable version reference date: 12/14/92 Federally enforceable version reference date: NA Asbestos Abatement Projects - Certification, Accreditation and Business Exemption 10 CSR 10-6.250 Requirements7 State enforceable version reference date:8/1/94 Federally enforceable version reference date: NA Acid Rain Source Permits Required2.3 10 CSR 10-6.270 State enforceable version reference date: 6/2/94 Federally enforceable version reference date: FRR Compliance Monitoring Usage⁹

10 CSR 10-6.280

10 CSR 10-6.300

State enforceable version reference date:6/2/94 Federally enforceable version reference date: NA

State enforceable version reference date: 10/4/94 Federally enforceable version reference date: NA

Conformity of General Federal Actions to State Implementation Plans³

New Residential Wood Heaters

Petroleum Dry Cleaners

Rubber Tire Manufacturing Industry

Synthetic Fiber Production Facilities

Flexible Vinyl and Urethane Coating and Printing

Equipment Leaks of VOC in Petroleum Refineries

VOC Emissions from SOCMI Air Oxidation Unit Processes

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Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997	

N Source Performance Regulations - 10 CSR 10-6.070

Missouri adopts by reference the New Source Performance Standards (NSPS).

The actual NSPS can be found in 40 CFR Part 60.

Applicability

Yes No

Subpart	Description
KKK LLL NNN 000 PPP QQQ SSS	Equipment Leaks of VOC from Onshore Natural Gas Processing Plants Onshore Natural Gas Processing-SO ₂ Emissions VOC Emissions from SOCMI Distillation Operations Nonmetallic Mineral Processing Plants Wool Fiberglass Insulation Manufacturing Plants VOC Emissions from Petroleum Refinery Wastewater Systems Magnetic Tape Coating Facilities Industrial Surface Coating Surface Coating of Plastic Parts for Business Machines Standards of Performance for Calciners and Dryers in Mineral Industries
VVV	Polymeric Coating of Supporting Substrates Facilities

FORIVIOR - AUS COITHINGED			
Facility Name	County No.	Plant No.	Year Submitted
McDonnell Douglas Corporation	4300	0230	1997

ission Standards for Hazardous Air Pollutants - 10 CSR 10-6.080 Missouri adopts by reference the National Emission Standards for Hazardous Air Pollutants (NESHAP). The actual NESHAP can be found in 40 CFR Part 61 and 63.

Applicability

<u>Yes</u>	<u>No</u>	Subpart	Description
		Part 61	, , , , , , , , , , , , , , , , , , ,
		В	National Emission Standards for Radon Emissions From Underground Uranium Mines
		С	National Emission Standard for Beryllium
		D	National Emission Standard for Beryllium Rocket Motor Firing
·		E	National Emission Standard for Mercury
		F	National Emission Standard for Vinyl Chloride
		Н	National Emission Standards for Emissions of Radionuclides Other Than Radon From Department of Energy Facilities
		l	National Emission Standards for Radionuclides Emissions From Facilities Licensed by the Nuclear Regulatory Commission and Federal Facilities Not Covered by Subpart H
	/	J	National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene
	/	K	National Emission Standards for Radionuclide Emissions From Elemental Phosphorus Plants
	1	L	National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants
		M	National Emission Standard for Asbestos
	1	N	National Emission Standard for Inorganic Arsenic Emissions from Glass Manufacturing Plants
_	1	0	National Emission Standard for Inorganic Arsenic Emissions from Primary Copper Smelters
	1	Р	National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities
	1	Q	National Emission Standards for Radon Emissions from Department of Energy Facilities
	1	R	National Emission Standards for Radon Emissions from Phosphogypsum Stacks
	1	т	National Emission Standards for Radon Emissions from the Disposal of Uranium Mill Tailings
	_/	V	National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
		w	National Emission Standards for Radon Emissions from Operating Mill Tailings
	1	Υ	National Emission Standards for Benzene Emissions From Benzene Storage Vessels
		ВВ	National Emission Standard for Benzene Emissions From Benzene Transfer Operations
	1	FF	National Emission Standard for Benzene Waste Operations
		Part 63	
#	_/_	F	National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry
		G	National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater
	1	н	National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
		 I	National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject
		, ,	to the Negotiated Regulation for Equipment Leaks
		L	National Emission Standards for Coke Oven Batteries
		M	National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities Operations

Facility Name McDonnell Douglas Corporation County No. Plant No. Year Submitted 0230 1997	OKIN OF ACC CONTINUES			
	Facility Name McDonnell Douglas Corporation	-	1	

scinded State Regulations retained in SIP

Chapter 2

10 CSR 10-2.050 Preventing Particulate Matter from Becoming Airborne

10 CSR 10-2.090 Incinerators

Chapter 3

10 CSR 10-3.040 Incinerators

10 CSR 10-3.070 Restriction of Particulate Matter from Becoming Airborne

Chapter 4

10 CSR 10-4.050 Preventing Particulate Matter from Becoming Airborne

10 CSR 10-4.080 Incinerators

10 CSR 10-4.110 Measurement of Emissions of Air Contaminants

10 CSR 10-4.130 Circumvention

Chapter 5

10 CSR 10-5.060 Refuse not to be Burned in Fuel Burning Installations

10 CSR 10-5.080 Incinerators

10 CSR 10-5.100 Preventing Particulate Matter from Becoming Airborne

10 CSR 10-5.200 Measurement of Emissions of Air Contaminants (no longer in SIP as of 5 November 1992, 57FR52723)

apter 6

FORM OP - F01 GENERAL COMMENTS Section F

Facility Name	County No.	Plant No.	Year Submitted
McDonnell Douglas Corporation	4300	0230	1997

additional rules applicable to McDonnell Douglas which are not listed in Missouri's Form OP-A03.

- 1. 40 CFR Part 63: National Emission Standards for Hazardous Air Pollutants
 - Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks
 - Subpart T National Emission Standards for Halogenated Solvent Cleaning
 - Subpart GG National Emission Standards for Aerospace Manufacturing and Rework Facilities
 - Subpart DD National Emission Standards for Hazardous Air Pollutants for Off-Site Waste and Recovery
- 2. 40 CFR Part 68: Clean Air Act, Section 112(r) Accidental Release Prevention Program
- 3. 40 CFR Part 82: Protection of Stratospheric Ozone
- 4. 10 CSR 10-6.075 Maximum Achievable Control Technology Regulations
- 5. 10 CSR 10-6.260 Restrictions of Emission of Sulfur Compounds

Section F GENERAL COMMENTS FORM OP - F01

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Facility Name	County No.	Plant No.	Tear Submitted
	4300	0230	1997
McDonnell Douglas Corporation	4300	0200	

...on-Applicable Rules with Reason "K" (From Form OP-A03)

Ch 5: Air Quality Standards and Air Pollution Control Rules Specific to the St. Louis Metropolitan Area:

10 CSR 10-5.040 Use of Fuel in Hand-Fired Equipment Prohibited

Not Applicable. McDonnell Douglas has no hand-fired equipment subject to this rule on its premises.

10 CSR 10-5.130 Certain Coals to be Washed

Not applicable. McDonnell Douglas purchases coal that has a sulfur content of <1 wt.% and an ash content of <12 wt.%. A stack test performed on a permitted coal fired boiler (using coal meeting these specifications) indicated that the sulfur dioxide emissions are less than 2.3 lb/MMBtu (i.e., 1.61 lb/MMBtu). Thus, per section (3), this rule is not applicable to McDonnell Douglas.

10 CSR 10-5.455 Control of Emission from Solvent Cleanup Operations

Not applicable. McDonnell Douglas' St. Louis facilities emit less than 500 lbs VOCs per day from covered solvent cleanup operations. (Cleaning activities that are subject to the Aerospace NESHAP are not subject to the provisions of this rule.)

Chapter 6: Air Quality Standards, Definitions,....and Air Pollution Control Regulations for the Entire State of Missouri

10 CSR 10-6.100 Alternate Emission Limits

Not applicable. McDonnell Douglas has not proposed alternate emission limits for any activities (in its St. Louis facilities) in order to meet the VOC limits specified in the state or local rules.

10 CSR 10-6.270 Acid Rain Source Permit Required

Not applicable. The coal fired power plant is not a producer of electricity and thus, is not in a source category requiring an acid rain permit.

40 CFR Part 60

New Source Performance Standards (NSPS)

Subpart Dc

Not applicable. The boilers (10-100MMBtu/hr) at McDonnell Douglas' St. Louis facilities have not been modified, constructed, or reconstructed after 06/09/89.

Not applicable. There are two (2) refuse-fired boilers at McDonnell Douglas' St. Louis facilities. These boilers have capacities less than 250 tons/day each and have not been constructed, modified, or reconstructed after December 20,1989.

Subpart K and Ka:

Not applicable. There are no "petroleum liquid" storage tanks with capacities greater than 40,000 gallons at McDonnell Douglas' St. Louis facilities. (Fuel oil nos. 2 through 6 and diesel fuel nos. 2-D and 4-D are exempt from the definition of "petroleum liquid".)

40 CFR Part 61

National Emission Standards for Hazardous Air Pollutants (NESHAP)

40 CFR Part 61, Subpart I

Not applicable. This regulation has recently been rescinded by EPA.

THE 1996 EMISSION INVENTORY QUESTIONNAIRE WAS SUBMITTED TO ST. LOUIS COUNTY - AIR POLLUTION CONTROL SECTION ON MARCH 24, 1997.

INSIGNIFICANT ACTIVITIES NOT REQUIRED TO BE LISTED FORM OP - C01 Year Submitted Plant No. County No. **Facility Name** 1997 0230 4300 McDonnell Douglas Corporation rmational Purposes Only Ine Agency considers the following activities as trivial or that have negligible emissions. Check the appropriate box to indicate the presence or absence of any of the listed trivial activities at the facility. No further information is required elsewhere in the permit application regarding these activities. Combustion emissions from the propulsion of mobile sources, except for vessel emissions Yes No from outer continental shelf (OCS) sources. Air-conditioning units used for human comfort that do not use a class I or class II ozone depleting substance and do not exhaust air pollutants into the ambient air from any No Yes manufacturing or other industrial process. Ventilating units used for human comfort that do not exhaust air pollutants into the ambient 3. No air from any manufacturing or other industrial process. Yes Noncommercial food preparation or restaurants and other retail establishments for the 4. No purpose of preparing food for employee and guest consumption. Yes Consumer use of office equipment and products, not including printers or businesses primarily involved in photographic reproduction. This exemption is for office equipment that 5. is NOT part of the industrial process of the facility (e.g., white out use and photocopies at a Yes No non-photocopy business). No Janitorial services and consumer use of janitorial products. Yes Internal combustion engines used for landscaping and other agricultural purposes. Yes Yes No Laundry activities, except for dry-cleaning and steam boilers. 8. No Yes Bathroom/toilet vent emissions. Yes No Emergency (backup) electrical generators at residential locations. 10. No Yes Tobacco smoking rooms and areas. 11. No Yes Blacksmith forges. 12. Plant maintenance and upkeep activities (e.g., grounds keeping, general repairs, cleaning, 13. painting, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots) provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and are not otherwise triggering a permit No Yes modification. Repair or maintenance shop activities not related to the source's primary business activity, 14. not including emissions from surface coating or de-greasing (solvent metal cleaning) No Yes activities, and are not otherwise triggering a permit modification. Portable electrical generators which can be moved by hand (i.e., that can be moved without 15. the assistance of any motorized or non motorized vehicle, conveyance or device. Yes No No Air compressors and pneumatically operated equipment. Including hand tools. Yes 16. Yes Batteries and battery charging stations. 17. Storage tanks, vessels, and containers holding or storing liquid substances that will not emit 18. No Yes any VOC or HAP. Storage tanks, reservoirs, and pumping and handling equipment of any size containing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided 19. No Yes appropriate lids and covers are utilized. Equipment used to mix and package soaps, vegetable oil, grease, animal fat, and nonvolatile No aqueous salt solutions, provided appropriate lids and covers are utilized. Yes

Drop hammers or hydraulic presses for forging or metal working.

Yes

No

	Equipment used exclusively to slaughter animals, but not including other equipment at				
	slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment.		Yes	1	No
	Vents from continuous emissions monitoring and other analyzers.	1	Yes		No
3.	Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formula.	1	Yes		No
5.	Equipment used for surface coating, painting, dipping or spraying operations, except those that will emit a VOC or HAP.	/	Yes		No
	Batch loading and unloading of solid phase catalysts.		Yes	✓	No
7.	CO_2 lasers, used only on metals and other materials which do not emit a HAP in the process. $_$	1	Yes		No
	Paper trimmers/binders.	<u> </u>	Yes		No
9.	Electric or steam-heated drying ovens and autoclaves, but not the emissions from the articles or substances being processed in the ovens or autoclaves or the boilers delivering the steam.	✓	Yes		. No
80.	Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutant.	√	Yes		No
31.	Laser trimmers using dust collection to prevent fugitive emissions.		Yes		No
32.	Bench-scale laboratory equipment used for physical or chemical analysis, but not emissions from lab fume hoods or vents.	1	Yes	45	No
33.	Routine calibration and maintenance of laboratory equipment or other analytical instruments	1	Yes	_	- No
34.	Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.	1	Yes	112	_ No
	Hydraulic and hydrostatic testing equipment.		Yes		- No
36.	Environmental chambers not using a hazardous air pollutant (HAP).		Yes		- No
37.	Shock chambers.		Yes	_	- N
38.	Humidity chambers.		Yes		_ N
39.	Solar simulators.		Yes	_	_ N
40.	Fugitive emissions related to movement of passenger vehicles, provided these activities are incidental to the source's primary business activity.	_/	- mu 1		- N
41.	Process water filtration systems and demineralization.		_		– N
42.	Demineralized water tanks and demineralizer vents.		_		_
43.	Boiler water treatment operations, not including cooling towers.		_		- ^N
44.	Oxygen scavenging (de-aeration) of water.		_		- '
45.	Fire suppression systems.		_		_ \
46.	Emergency road flares.		_		_ \
47.	Steam vents and safety relief valves.		_		- <mark>'</mark>
48.	Steam leaks.		_	-	
49.	Steam cleaning operations.		_	-	_ '
50.	Steam sterilizers.		_ Yes	_	_8
51.	Individual valves, flanges, pump seals, and pressure relief valves which have the potential for leaks, provided they are not subject to NSPS (40 CFR Part 60) or NESHAP (40 CFR Part 61 or 63) requirements.	· · ·	Yes	eMi-	- (

=	\cap	P	М	0	P	_	C	n	2
-	UJ	к	IVI	\cdot		_	$\mathbf{}$	u	_

INSIGNIFICANT ACTIVITIES REQUIRED TO BE LISTED Section C

Facility Name	County No.	Plant No.	Year	Submi	itted	
onnell Douglas Corporation	4300	0230		199	97	
Are any of the following emission units at the production rate? If yes, identify the emission units requested information.	source considered in the "List of Insig	insignificant activities building inition in the inition of the initial of the inition of the in	ecause OP - C03	of the	eir size rovide	e or the
Combustion Equipment	Setter-null milled	ul fazor og fag omgle	V	Yes		No
 a) Any combustion equipment us gas or any combination of the BTU/hour heat input, provided l) The equipment emits only ii) produces less than 150 po b) Any combustion equipment wheat input provided that: l) The equipment emits only ii) produces less than 150 po 	nese, with a capacing that: combustion production and per day of any with a capacity of lest combustion production	ts; and air contaminant. s than 1,000,000 BTU/hou				
2. Office And Commercial Buildings			/	Yes		No
Office and commercial buildings heating by natural or liquefied per heat input, excluding incinerators	etroleum das of less	than 20,000,000 B i Omo	e Ir			
Grain Handling, Storage and Drying Facil	lity			Yes	1	No
Any grain handling, storage and	drying facility which	:				
a) Is in noncommercial use only, by the owner and provided th l) Total storage capacity do ii) Grain handling capacity d iii) The facility is located at lea or business not occupied	at: es not exceed 750,0 loes not exceed 4,00 ast 500 feet from any	00 bushels; 0 bushels per hour; and recreational area, residen				
b) Is in solely commercial use, a I) has total storage capacity ii) is located at least one-half or other structure not occ the facility or the owner o	r less than or equal t f (1/2) mile from any unied or used solely	by the owner or operator	of			
4. Sand and gravel operations that have a m per hour and use only natural gas as fue	naximum capacity to el when drying.	produce 17.5 tons of produ	ıct 🔲	Yes		No
" — J" _pu_1						

McDonnell Douglas Corporation St. Louis, Missouri Tracts I and II

Emissions from Insignificant Activities Reported on Form OP-C03

Emissions from the following sources were determined by emission calculations or evaluated using best engineering judgment. The actual annual emission rates were estimated to be less than the Emission Inventory Questionnaire (EIQ) reportable level (i.e., <0.10 tons/year). Since emissions from these sources are extremely low, they are all being reported as "<0.10 tons/year" on the following forms. A dash, "-", shown by each pollutant indicates that the pollutant is not emitted from the source.

Aggregated emissions from laboratory hoods (as grouped and presented herein) are greater than 0.10 tons/year. In the past, aggregated emissions from all laboratory hoods were reported on the annual EIQ. However, since the emissions from each individual lab hood are less than 0.10 tons/year and the determination of emissions from lab hoods is inherently subject to significant uncertainty and conservative bias (i.e., over-estimation), St. Louis County stated that McDonnell Douglas could report these sources as insignificant activities on Form OP-C03 of its Title V permit application.

Emission calculations and source evaluations are not included in this application. However, this information can be made available to the agency upon request.

MCDONNELL DOUGLAS CORPORATION St. Louis, Missouri Tracts I and II

Nomenclature for Emission Unit Numbers and EIQ Emission Point Numbers

Abbreviation		Description
AS		Adhesive / Sealant
BF		Building Fugitive
CC		Cold Cleaner
CL		Coating Line
CS		Combustion Source
CT		Cooling Tower
CU		Composite Usage
DB		Dye Penetrant Booth
DP		Depainting Operations
DT		Dip Tank
EG		Emergency Generator
FA		Fly Ash Collection
FP		Film Processor
GB		Grit Blaster
НР		Hot Press
НТ		Heat Treat Operations
HW		Hazardous Waste
LH		Lab Hood
LS		Laser
MB		Mixing Booth
MC		Chemical Depainting
ML		Maskant Line
MO		Melting Oven
MP		Maintenance Painting
MS		Miscellaneous Activity
MT		Miscellaneous Chemical Tank (non-fuel storage tank)
OV		Oven
PE		Particulate Emissions (from grinding, milling, sawing, etc.)
PF		Packaging Foam System
PI		Penetrant Inspection Booth
PP		Seal Peel Pot
PT		Process Tank
RF		Refueling Operations (EIQ reportable)
SB		Spray Booth
SP		Storage Pile
SS		Silk Screening
ST		Storage Tank (fuel)
VD		Vapor Degreaser
VR		Vehicle Refueling Operations (Insignificant Activity)
VS		Misc. Vented Work Area (various solvents)
WE		Welding
WT		Waste Storage Tank
WW		Waste Water Treatment
	Б	ple: SB-002-01 Spray Booth in Building 2

s Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
2		PM ₁₀	-
Description of Activity		SO _x	
TPM Solvent Baths	NO _x	-	
parts cleaning for the making of aircraf	t models)	VOC	<0.10
	1	СО	-
		Lead	•
		HAPs	-
		Other	-
Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
Approximately 225		PM ₁₀	See Note
Description of Activity		so _x	44
Combustion Equipment		NO _x	66
(natural gas or LPG fired)		voc	66
(less than to minotamear)		со	66
		Lead	<0.10
to reported in annual Emission Inventory G	y Questionnaire (EIQ) submitted March 24,	HAPs	<0.10
ion Point Id No. CS-STL-01 of 1996 EIQ sub		Other	-
		T	1
Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emission (Tons/Yr)
4		PM ₁₀	-
Description of Activity		so _x	-
Quench Tanks	11.7	NO _x	-
(for heat treat operations)		voc	<0.10
		СО	-
		Lead	-
		HAPs	-
		Other	-
	Description of Activity TPM Solvent Baths parts cleaning for the making of aircraft Number of Activities (Grouped) Approximately 225 Description of Activity Combustion Equipment (natural gas or LPG fired) (less than 10 MMBtu/hour) re reported in annual Emission Inventory (ion Point Id No. CS-STL-01 of 1996 EIQ substices (Grouped) A Description of Activity Quench Tanks	Number of Activities (Grouped) 2 Description of Activity TPM Solvent Baths parts cleaning for the making of aircraft models) Number of Activities (Grouped) Approximately 225 Description of Activity Combustion Equipment (natural gas or LPG fired) (less than 10 MMBtu/hour) re reported in annual Emission Inventory Questionnaire (EIQ) ion Point Id No. CS-STL-01 of 1996 EIQ submitted March 24, Number of Activities (Grouped) 4 Description of Activity Quench Tanks	Number of Activities (Grouped) Pollutant(s) Emitted Pollutant(s) Emitted Pollutant(s) Emitted Pollutant(s) Emitted Pollutant(s) Emitted Pollutant(s) Emitted Pollutant(s) SO _x NO _x Pollutant(s) SO _x Pollutant(s) SO _x Pollutant(s) SO _x Pollutant(s) Eco Lead HAPs Other Number of Activities (Grouped) Approximately 225 Pollutant(s) Emitted Pollutant(s) Emitted No _x No _x No _x No _x Pollutant(s) Emitted HAPs Other No _x Pollutant(s) Emitted Approximately 225 Pollutant(s) Emitted No _x No _x No _x No _x VoC Co Lead HAPs Other Number of Activities (Grouped) Number of Activities (Grouped) Pollutant(s) Emitted HAPs Other Number of Activities (Grouped) Number of Activities (Grouped) Pollutant(s) Emitted Pollutant(s) Emitted Number of Activities (Grouped) A PM ₁₀ Description of Activity So _x No _x VoC Co Lead HAPs

oRM OP - C0 acility Name	3 LIST OF INSIGNIFICANT glas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
Vonneil Doug	gias corporation			
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
T-STL-02	7		PM ₁₀	a - fungi
	Description of Activity		SO _x	-
	Small Coating Tanks		NO _x	-
	(wax, peel coat, rust inhibitors, etc.)		voc	<0.10
			со	-
			Lead	
			HAPs	-
			Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
DT-STL-03	4		PM ₁₀	• 1
	Description of Activity		so _x	•
	Temperature Testing Baths For Small F	Parts	NO _x	-
			voc	<0.10
			СО	<u> </u>
			Lead	•
			HAPs	-
			Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
DT-STL-04	2	=	PM ₁₀	- 10 Tu
51 012 01	Description of Activity		so _x	-
	Chemical Additive Sinks		NO _x	
	(for process line tank chemicals)		voc	-
			СО	
			Lead	-
			HAPs	<0.10
			Other	

ORM OP - C03 Facility Name *Donnell Doug	San dunin	County No. 4300	Plant No. 0230	Year Submitted 1997
- Bonnen Boug	ac corporation			
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
OT-101-02	1		PM ₁₀	1-
	Description of Activity		so _x	-
	Sealing Tank for Nameplating		NO _x	-
			voc	-
			со	-
			Lead	-
			HAPs	<0.10
			Other	-
Emission Unit No.	Number of Activities (Grouped)	1.0	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
DT-102-11	1		PM ₁₀	
	Description of Activity		SO _x	<0.10
	Salt Corrosion Tank	71.	NO _x	
	(SO₂ atmosphere)		voc	-
			со	-
			Lead	
			HAPs	-
			Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
FP-STL-01	2		PM ₁₀	-
	Description of Activity		SO _x	-
	Nameplate Film Processors		NO _x	-
			voc	<0.10
			со	-
			Lead	•
			HAPs	-
			Other	-
MO 780-1519 /E	REV. April 11, 1996)	Duplicate this form	n as needed	Page C03-

ORM OP - C03	LIST OF INSIGNIFICANT ACTIV	unty No.	Plant No.	Year Submitted
acility Name -Donnell Douglas		4300	0230	1997
"-Donnen Douglas	Corporation			
Emission Unit No.	Number of Activities (Grouped)	E 61 1	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
B-STL-01	2		P.M ₁₀	<0.10
	Description of Activity		so _x	-
	Grit Blasters		NO _x	<u>.</u>
			voc	-
			со	-
			Lead	-
			HAPs	<0.10
Note: The HAP emis	sion rate is included in the PM_{10} emission rate.		Other	
-				
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
LH-STL-01	Approximately 110		PM ₁₀	
LIT-01L-01	Description of Activity		SO _x	-
	Miscellaneous Lab Hoods		NO _x	-
				0.44
			СО	-
			Lead	_
	to the distance of the VOC emission rate	_	HAPs	0.24
Note: The HAP emis	ssion rate is included in the VOC emission rate	•	Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emission (Tons/Yr)
LS-STL-01	19		PM ₁₀	<0.10
L3-31L-01	Description of Activity		so _x	•
	Lasers		NO _x	-
			voc	<0.10
			СО	-
			Lead	-
-			HAPs	<0.10
Note: The HAP em	ission rate is included in either the VOC or PM	₁₀ emission ra	ate. Other	<0.10
		ate this form		Page C03

ORM OP - C		County No.	Plant No.	Year Submitted
Facility Name County No. 4300		0230	1997	
Jointen De	Jugius Gol Peranon		<u> </u>	I
Emission Unit No.	Number of Activities		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
S-STL-01	4		PM ₁₀	<0.10
	Description of Activity		so _x	-
Vented Soldering Operations			NO _x	-
(bench scale, laboratory)			voc	<0.10
			со	•
			Lead	-
			HAPs	<0.10
Note: The HAP emission rate is included in the VOC emission rate.		Other	-	
Emission	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
Unit No.	5		PM ₁₀	-
MS-STL-02	Description of Activity		SO _x	-
	Bag Sealing Operations		NO _x	-
	Day Seaming Operations		voc	<0.10
			со	
			Lead	
Note: The HAP emission rate is included in the VOC emission rate.			HAPs	<0.10
			Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emission (Tons/Yr)
MS-STL-03	3		PM ₁₀	-
	Description of Activity		so _x	-
Hot Wire Cutting Operat			NO _x	-
= =			voc	<0.10
			СО	-
			Lead	-
-			HAPs	<0.10
te: The H.	AP emission rate is included in the VOC emiss	sion rate.	Other	-
		Suplicate this for		Page C03

ORM OP - C acility Name		County No. 4300	Plant No. 0230	Year Submitted 1997
	-3			T
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
IS-STL-04	4		PM ₁₀	-
Description of Activity Optical Imagers and Laminators			so _x	-
		8 - 39	NO _x	-
			voc	<0.10
			СО	-
			Lead	-
			HAPs	<0.10
Note: The HAF	emission rate is included in the VOC emission	n rate.	Other	•
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
NS-STL-05	2		PM ₁₀	-
	Description of Activity		so _x	-
	Extruders		NO _x	•
			voc	<0.10
			СО	-
			Lead	-
			HAPs	<0.10
			Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-005-01	1		PM ₁₀	<0.10
	Description of Activity		SO _x	-
	Coal Conveyor System		NO _x	-
	(fugitive dust emissions in building enclosure)	osure)	voc	-
			СО	-
			Lead	-
			HAPs	-
Tr			Other	-

DRM OP - C03 LIST OF INSIGNIFICANT ACTIVITIES Facility Name County No. 4300		County No.	Plant No. 0230	Year Submitted 1997
		7333		
Emission Unit No.	101		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
IS-032-01	1			- 1
	Description of Activity		SO _x	-
Reşin Curing Laser System		NO _x	in the Co	
	(for the production of plastic airplane mod	els)	voc	<0.10
			СО	-
			Lead	•
			HAPs	<0.10
Note: The HAP	emission rate is included in the VOC emission	rate.	Other	
tote. The risk				
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
VIS-040-01	2		PM ₁₀	-
	Description of Activity		SO _x	- 1
	Deicing Activities		NO _x	
	(aircraft and ramp)		voc	<0.10
			со	-
				-
			HAPs	<0.10
Note: The HA	P emission rate is included in the VOC emission	n rate.	Other	-
	Number of Activities		Pollutant(s)	Estimated Emission
Emission Unit No.	(Grouped)		Emitted	(Tons/Yr)
MS-101-20	2		PM ₁₀	-
1110 101 20	Description of Activity		so _x	_
Chemical Spray Etchers (for metal surfaces in Nameplate Department)		NO _x	-	
		nent)	voc	-1 11 -
			СО	-
			Lead	-
			HAPs	
			Other (Ferric Chloride	<0.10

PRM OP - C03 LIST OF INSIGNIFICANT ACTIVITIES County No. Plant No.				Section C
Facility Name 4300			0230	1997
cDonnell Douglas	S Corporation	4300	0200	
mission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
IS-102-17	-1		PM ₁₀	<0.10
Description of Activity		SO _x	-	
Vented Laser Destination Chamber		NO _x		
			voc	<0.10
			СО	•
			Lead	-
			HAPs	<0.10
Note: The organic H HAP emission rate	AP emission rate is included in the VOC and t is included in the PM_{10} emission rate.	he inorganic	Other	ini a ta
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-111-02	3		PM ₁₀	•
	Description of Activity		so _x	1
	Laboratory Scrubbers		NO _x	•
(out of service-no plans for future use			voc	•
			со	-
			Lead	•
			HAPs	-
			Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MS-248-01	1		PM ₁₀	•
1413-240-01	Description of Activity		so _x	-
	Hot Plate (for glueing film adhesives)		NO _x	•
			voc	<0.10
_			СО	-
			Lead	-
·			HAPs	<0.10
te: The HAP en	nission rate is included in the VOC emission ra	ate.	Other	
	Dupli	cate this form		Page C03

ORM OP - C03 LIST OF INSIGNIFICANT ACTIVITIES Facility Name County No.		Plant No.	Year Submitted	
McDonnell Douglas Corporation 4300			0230	1997
			T	
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
T-STL-01	21		PM ₁₀	
Description of Activity			SO _x	-
Miscellaneous Coolant Storage Tanks		NO _x		
			voc	<0.10
			со	<u>-</u>
			Lead	•
			HAPs	<0.10
Note: The HA	P emission rate is included in the VOC emission	rate.	Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MT-STL-02	Approximately 130		PM ₁₀	-
	Description of Activity		so _x	-
	Mobile Hydraulic Oil Tanks		NO _x	
	· · · · · · · · · · · · · · · · · · ·		voc	<0.10
			со	-
			Lead	-
	AP emission rate is included in the VOC emission	n rate	HAPs	<0.10
Note: The HA	AP emission rate is included in the voc emission	ii iato.	Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
MT-STL-03	2		PM ₁₀	-
111-012-00	Description of Activity		SO _x	-
	Solvent Storage Tanks		NO _x	-
(1800 gallon trichloroethylene and 500 gallon methanol)		VOC	<0.10	
			СО	-
			Lead	
			HAPs	<0.10
	AP emission rate is included in the VOC emission		Other	

ORM OP - COS Facility Name	Co	ounty No. 4300	Plant No. 0230	Year Submitted 1997
	las Corporation	4300	0230	1007
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
AT-STL-04	5		PM ₁₀	- 1
	Description of Activity		SO _x	-
	Small Chemical Additive Storage Tanks		NO _x	- ,
	(for process tanks)		voc	mo i el
			со	-
			Lead	-
	8.5		HAPs	<0.10
			Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
/T-029A-02	1		PM ₁₀	- 10.00
	Description of Activity	Wi .	so _x	-
	Antifreeze Storage Tank	B-m	NO _x	•
			voc	<0.10
			СО	-
			Lead	-
	to the land of the VOC emission rate	· a	HAPs	<0.10
Note: The HAP e	mission rate is included in the VOC emission rat		Other	
		44		
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emission (Tons/Yr)
OV-STL-01	12		PM ₁₀	<0.10
	Description of Activity		SO _x	<0.10
	Ovens		NO _x	<0.10
_ = =	(for adhesive/composite burn-off) (bench scale)		voc	<0.10
_	(Bollott Jame)		СО	<0.10
			Lead	-
			HAPs	<0.10
te: The HAP	emission rate is included in the VOC and PM $_{ m 10}$ er	mission rates.	Other	<0.10

ORM OP -	e The second sec	County No. 4300	Plant No. 0230	Year Submitted 1997	
- Connell L	Oouglas Corporation				
mission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)	
V-STL-03	2		PM ₁₀		
	Description of Activity		so _x	-	
	Process Ovens		NO _x		
(hydrogen release from metal plating operations)			voc	-	
			СО		
			Lead	•	
			HAPs	-	
			Other (Hydrogen)	<0.10	
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)	
E-STL-01	11		PM ₁₀	<0.10	
	Description of Activity		so _x	•	
	Vented Particulate Creating Sources		NO _x		
	(i.e., grinding, sanding, milling, sawing, 5 of the 11 sources have particulate control	etc.)	voc	-	
(5	of the 11 Sources have particulate condo	401.000,	СО	-	
			Lead	•	
			HAPs	<0.10	
Note: The H	AP emission rate is included in the PM ₁₀ emission	on rate.	Other	-	
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)	
PF-STL-01	2		PM ₁₀	•	
	Description of Activity		so _x	-	
	Packaging Foam Systems		NO _x	-	
			voc	<0.10	
			СО	-	
			Lead	•	
			HAPs	<0.10	
te: The H.	HAP emission rate is included in the VOC emiss	ion rate.	Other	-	
10 700 151	9 (REV. April 11, 1996)	uplicate this form	n as needed	Page C03	

ORM OP - Co acility Name	193 LIST OF INSIGNIFICANT A	County No. 4300	Plant No. 0230	Year Submitted 1997
-	3			I
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
T-STL-01	Approximately 100		PM ₁₀	
	Description of Activity		so _x	-
	Small Process Tanks		NO _x	<0.10
	(i.e., etching, plating, cleaning, etc.)	voc	<0.10	
			СО	-
			Lead	40
	A LANGE WAS A LANGE OF THE LANG	an mto	HAPs	<0.10
Note 1: The HAI Note 2: "Other F	Pemission rate is included in the VOC emissi Pollutants Emitted" includes Sulfuric Acid and	i Nitric Acid.	Other (See Note 2)	<0.10
Emission Unit No.	Number of Activities (Grouped)	C No.	Pollutant(s) Emitted	Estimated Emission (Tons/Yr)
SP-STL-01	4		PM ₁₀	<0.10
	Description of Activity		so _x	•
	Covered Salt Piles		NO _x	
			voc	-
			со	-
			Lead	-
			HAPs	-
			Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emission (Tons/Yr)
ST-STL-02	25		PM ₁₀	-
	Description of Activity		so _x	-
	Diesel Storage Tanks		NO _x	•
	(6 of the 25 tanks are USTs)		VOC	<0.10
			СО	-
			Lead	-
V 4			HAPs	<0.10
to: The HAI	emission rate is included in the VOC emissi	on rate.	Other	-

RM OP - C03	LIST OF INSIGNIFICANT	County No.	Plant No.	Year Submitted
cDonnell Dougla	s Corporation	4300	0230	1997
mission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
T-STL-03	TL-03 10		PM ₁₀	
	Description of Activity		SO _x	-
	Jet Fuel Storage Tanks		NO _x	-
	(7 of the 10 tanks are USTs)		voc	<0.10
			со	-
			Lead	•
			HAPs	<0.10
Note: The HAP emis	ssion rate is included in the VOC emission	on rate.	Other	-
Emission Unit No.	Number of Activities (Grouped)	91	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
ST-STL-04	4		PM ₁₀	
	Description of Activity		so _x	
Fı	uel Oil No. 2 Underground Storage Ta	anks	NO _x	•
	1 7 7 2 7		voc	<0.10
			СО	•
			Lead	-
			HAPs	<0.10
Note: The HAP em	ission rate is included in the VOC emiss	ion rate.	Other	-
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emission (Tons/Yr)
ST-120-01	1		PM ₁₀	-
	Description of Activity		so _x	-
	Fuel Oil No. 2 Aboveground Storage	Tank	NO _x	
	(107,000 gallon capacity)		voc	<0.10
			СО	-
			Lead	
			HAPs	<0.10
te: The HAP en	nission rate is included in the VOC emis	sion rate.	Other	on and to g

ORM OP - C03	LIST OF INSIGNIFICANT A	County No.	Plant No.	Year Submitted
acility Name -Donnell Dougla	s Corporation	4300	0230	1997
	3 Corporation			
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
ST-120-02	1	·	PM ₁₀	-
	Description of Activity		so _x	-
Fu	iel Oil No. 2 Aboveground Storage Tar	nk ,	NO _x	-
	(50,000 gallon capacity)		voc	<0.10
			СО	-
			Lead	-
			HAPs	<0.10
Note: The HAP emi	ssion rate is included in the VOC emission	n rate.	Other	
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
VR-STL-01	out o 1		PM ₁₀	-
VICOIDO	Description of Activity		so _x	
	Vehicle Refueling Operation		NO _x	-
	(diesel fuel used)		voc	<0.10
			со	-
			Lead	*
			HAPs	<0.10
Note: The HAP em	ission rate is included in the VOC emission	on rate.	Other	
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emission (Tons/Yr)
WT-STL-01	28		PM ₁₀	•
	Description of Activity		SO _x	-
	Waste Storage Tanks		NO _x	-
			voc	<0.10
			со	•
			Lead	-
			HAPs	<0.10
,ce: The HAP e	mission rate is included in the VOC emiss	ion rate.	Other	
	EV. April 11, 1996)	Ouplicate this for	m as needed	Page C03

ORM OP - C03	LIST OF INSIGNIFICANT	ACTIVITIES	Harring	Section C
Facility Name		County No. 4300	Plant No. 0230	Year Submitted 1997
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
VT-STL-02			PM ₁₀	. 1
VI-01L-02	Description of Activity	SO _x	140	
	Waste Solvent Tanks		NO _x	a apta
(waste collection tanks from laboratory bench-scale activities)			voc	<0.10
			со	-
			Lead	•
			HAPs	<0.10
Note: The HAP emi	ssion rate is included in the VOC emission	n rate.	Other	*
Emission Unit No.	Number of Activities (Grouped)	•	Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
WW-STL-01	1		PM ₁₀	-
	Description of Activity		so _x	.
7	Waste Water Treatment Plant		NO _x	-
	(Building No. 14)		voc	<0.10
			СО	-
			Lead	-
	to the voca is included in the VOC emiss	ion rate	HAPs	<0.10
Note 1: The HAP et Note 2: "Other Poll	mission rate is included in the VOC emiss lutants Emitted" includes Sulfuric Acid ar	d Nitric Acid.	Other (See Note 2)	<0.10
				1
Emission Unit No.	Number of Activities (Grouped)		Pollutant(s) Emitted	Estimated Emissions (Tons/Yr)
WW-248-01	1		PM ₁₀	-
	Description of Activity		so _x	-
	Waste Water Treatment Tanks		NO _x	
	(for R&D activities)		voc	<0.10
			СО	-
			Lead	-
		cion rato	HAPs	<0.10
te 1: The HAP e	emission rate is included in the VOC emis Ilutants Emitted" includes Sulfuric Acid a	nd Nitric Acid.	Other (See Note 2)	<0.10

ORM OP - D01	EXISTING PLANT-WIDE P			Section L
Facility Name		County No.	Plant No.	Year Submitted
Tonnell Douglas Co	rporation	4300	0230	1997
riease list in the space (i.e., Production is limit	provided below any permit cond ted to 10,000 units per 12 month i	itions which are cur folling average, or a	rently applicable or limit on the facility'	a plant-wide basis: s hours of operation.)
Permit No.	= = = = =	Applicable Permit	Condition	
N.A.		NONE		10 20 1
T PERMIT		Un = 1384	100 a 111 111 1 1 1 1	1.90%
		aratta i		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
só.				
100 100		ill feeds? 1 e	= 1000	
	There is a second of the secon	100 100 100 1	A 11	
Permit No.	Compliance Demonstration Method	Desc	ribe Method and Giv	e Reference
N.A.	N.A.		N.A.	To .
,				
,				
		2		
				<u> </u>
I	-			

ORM OP - D02	PROPOSED PLANT-WIDE PE	RMIT CONDITION	NS	Section D
Facility Name	Co. any	County No.	Plant No.	Year Submitted
ງonnell Douglas Co	rporation	4300	0230	1997
r dase list in the space permit:(i.e., Production operation.)	provided below any proposed permi is limited to 10,000 units per 12 mon	t conditions which y th rolling average, o	you wish to establ or a limit on the fa	ish in this operating cility's hours of
Proposed Condition Number	Proposed Pe	ermit Condition(s) (p	olease number)	
PW-1	Permittee may move, transfer, or o	therwise relocate a	ny emission unit i	nto, between, or
	within Tracts I and/or II without obt	taining a permit or p	permit revision un	der
	10 CSR 10-6.060 or 10 CSR 10-6.06			
	1.) The actual emissions from the	emission unit to be	relocated are less	than the
	de minimis level (tpy) for each crite			
	2.) The actual emissions from the	unit are less than 1	0 tpy for any sing	le hazardous air
	pollutant (HAP) and 25 tpy for agg	regate HAPs.		
				:41: 4 (40)
	Permittee shall provide written not			
	days after each such change. Any			
	contaminants is less than 200 pou			nis notification
	requirement. (For additional comments of the delivery and the way to de			the proposed plant-
wide condition(s) that	methodologies you intend to use to d are being established above: (i.e., tes	sting, monitoring, re	cordkeeping, etc.)
Proposed Condition Number	Compliance Demonstration Meth	od Desc	ribe Method and (Give Reference
PW-1	Notification to St. Louis County		See above	•
	Dept. of Health-Air Pollution Conti	rol		
	Section (as stated above).			
				10
	The state of the s			
		1		

FORM OP - F01 GENERAL COMMENTS Section F

Facility Name

McDonnell Douglas Corporation

County No. Plant No. Year Submitted

4300

0230

1997

tatement Supporting Requested Condition on Form OP-D02 (PW-1)

McDonnell Douglas is filing this application for its facilities in St. Louis County, identified as Tracts I and II. As production demands vary, individual pieces of equipment may need to be relocated periodically within and between buildings within these two tracts and between tracts.

The flexibility to move sources within the various buildings and between tracts is crucial to the nature of this industry and to McDonnell Douglas' current and future production needs. The movement of existing sources within and between Tracts I and II and into Tracts I and II from other nearby but non-adjacent tracts in St. Louis County (i.e., Tracts III and IV) will not alter or otherwise change the major source status of the permitted facility. Of course, McDonnell Douglas understands that the construction of any new source within the permitted facility, as well as modification of an existing source which results in an increase of emissions of 200 pounds or more per year, is subject to the permitting requirements of 10 CSR 10-6.060 and 10-6.065.

Facility Name		= = = = -9	County No.	Pla	ant No.	Year Submitted
McDonnell Dougla	as Corporation		4300		0230	1997
Emission Point N	0.	Emission Unit No.			Source C	lassification Code (SCC)
BF-ST	'L-01	BF-9	STL-01			-01 (primary and alternate perating scenario)
1. Emission Unit	s) Information					
Descri	ption Of Unit(s)		acturer, Mode Of Manufactu		Stack IDs	Maximum Design Rate/Capacity
Spray application	on of primer or to	pcoat	N.A.		HIN =	N.A.
containing inor	ganic HAP to aero	space		Ш	1 . II I	
components in	locations where		ш у			
particulate conf	trol does not mee	- 1				
	g)(1) through (g)(No. 1		
	3/(1/ 111 - 311 (3/(
Will this unit be o	perated under an	alternate operating	scenario?			Total Maximum
	•				<i>"</i> 50	DesignRate/Capacity
Yes: No:		If Yes, you must co on FORM OP - D03			CTION D.Z	N.A.
2. Alternate Oper	etina Scenzalo (E	levibility)				
Alternate Scenari		7	SIC Code	Assoc	iated with S	cenario:
	BF-01				37	21
Description			-			
						termination of areas
	-	le to paint parts in a	•			
•	•					ddition to the exceptions
		ii), the following ope	rations are no	t feasib	ole within a	paint booth:
	of fasteners and		6A) -6			-off landad in on
, ,	•	to exceed nine squa ating is needed prior	· ·			
	dline painting.	ating is needed prior	to further ass	embly	or other op	
	inite painting.				-	
Use FORM OP - F Scenarios.	01 or the back of	this page if addition	al space is ne	eded fo	or multiple A	Iternate Operating
3. Voluntary Pen	mit Conditions <i>f</i>	or reducing potential e	missions, cond	itions w	ill become fe	derally enforceable
Condition(s) Requested		Description		Lim	itation	Pollutant Controlled
N.A.		N.A.			N.A.	N.A.

EMISSION UNIT INFORMATION

FORM OP - D03

Section D

FORM OP - D03 EN	IISSION UNIT	INFORM	ATION		Section
Facility Name		t que di	County No.	Plant No.	Year Submitted
McDonnell Douglas Corpora	tion		4300	0230	1997
Emission Point No. BF-STL	-03, Emission	Unit No.	BF-STL-03,	Source	Classification Code (SCC)
BF-002-03, BF-027-03, BF-02 BF-048-03, BF-066-03, BF-10 BF-102-03, BF-220-03, BF-24	1-03, BF-04	48-03, BF-0	27-03, BF-029-1 666-03, BF-101-1 220-03, BF-245-	03,	38-01 (primary and alternate operating scenario)
1. Emission Unit(s) Informat	ion				- 60
Description Of Ur	nit(s)		acturer, Model l Of Manufactur		Maximum Design Rate/Capacity
Facility-wide hand-wipe cl	eaning subject		N.A.		N.A.
to Aerospace NESHAP. 40	CFR Subpart		2-1-1-1	- " -	
GG and 10 CSR 10-6.075 N	ACT			=	
regulations.					
		7 7			The state of
Will this unit be operated un	der an alternate	operating s	scenario?		Total Maximum
Yes: No:			mplete a separa for each scena		DesignRate/Capacity N.A.
		1 OP - DU3	tor each scena	710.	
2. Alternate Operating Scen	ario (Flexibility)				
Alternate Scenario ID:	-02	L.	SIC Code A	Associated with	а Scenario: 3721
Description	W.F -356.			ho Wilei	mail in the author
Rather than comply with t					
40 CFR 63.743 (b)(1) or (2)					
plan under 40 CFR 63.743					
of hand-wipe solvent used	d, and would be s	subject to t	PA review und	er section 112(i) of the federal Act and
EPA approval.					
Use FORM OP - F01 or the b	pack of this page	if addition	al space is nee	ded for multiple	Alternate Operating
3. Voluntary Permit Conditi	ons documentario	notential e	missions condit	ons will necome	federally enforceable.
Condition(s)					
Requested	Descript	ion		Limitation	Pollutant Controlled
N.A.	N.A.			N.A.	N.A.
		1			1
			-		

<u> </u>	EINII 2310IA	JNIT INFORM	County No.	Plant No.	Section I
Facility Name			1		
McDonnell Douglas Corp		45	4300	0230	1997
Emission Point No.	Em	ission Unit No.			Classification Code (SCC)
None CC-STL-01			and CC-032-03, -245-04		003-99 (primary and for atte operating scenario)
1. Emission Unit(s) Infor	mation				
Description O	f Unit(s)		facturer, Model No e Of Manufacture	., Stack	Maximum Design Rate/Capacity
(3) Cold Cleaners (non-	metal cleaning	3)			
Emission Unit Nos.				HE HERE	
CC-032-02		Ramco,	unknown, April 199	96 S-032-02	50 gallon capacity
CC-032-03		Unique I	nd., Inc., S5-105, A	pril N.A.	50 gallon capacity
		1996			
CC-245-04		unknov	vn	N.A.	35 gallon capacity
2 Alternate Operating S Alternate Scenario ID:	cenario (Flexil		SIC Code Ass	sociated with	
	CC-01			37	721
Description These cold cleaners ar	n necontly no	t in colvent met	al cleaning service	This alterna	te scenario is heing
requested to allow McI					
Douglas shall impleme					
scenario. (See Form O					
			24		To the state of
Use FORM OP - F01 or the Scenarios.	ne back of this	page if addition	nal space is needed	d for multiple	Alternate Operating
3. Voluntary Permit Con	ditions for rec	ducing potential e	emissions, condition	s will become f	ederally enforceable
Condition(s) Requested	De	scription		Limitation	Pollutant Controlled

N.A.

N.A.

N.A.

N.A.

acility Name				Section D
admity italia		County No.	Plant No.	Year Submitted
AcDonnell Douglas Corporati	on	4300	0230	1997
Emission Point No.	Emission Unit	No.		lassification Code (SCC)
None	SB-101-34	i, SB-101-48, SB-220		I-01 (primary and alternate operating scenario)
. Emission Unit(s) Informatio	on .			
Description Of Unit		Manufacturer, Model Date Of Manufactu		Maximum Design Rate/Capacity
Spray Booths	1 = X 1 W 1 1 1 1 1 1 1			
Emission Unit Nos.				
SB-101-34		unknown	S-101-34	N.A.
SB-101-48		unknown	S-101-48	N.A.
SB-220-02	_	unknown	S-220-02	N.A.
Yes: No: 2. Alternate Operating Scena Alternate Scenario ID:	on FORM OP -	st complete a separa D03 for each scena SIC Code A		N.A.
SB-	01	0.0 00007		21
Description				
These booths are currently		ustrial processes, รเ	ich as sanding, gi	inding and motal arc
3.41				
spraying, which are not cov		ce NESHAP or Indus	strial Surface Coa	ing rules. As
such, these booths are only	subject to the requi	ce NESHAP or Indus	strial Surface Coat 0-5.050. This alte	ing rules. As rnate operating scenario
such, these booths are only is being requested to allow	subject to the requi	ce NESHAP or Indus rements of 10 CSR 1 to use the booths fo	strial Surface Coal 0-5.050. This alter r applying coating	ring rules. As rnate operating scenario s to aerospace
such, these booths are only is being requested to allow components and assemblie	subject to the requi McDonnell Douglas s. These booths wo	ce NESHAP or Industrements of 10 CSR 1 to use the booths fould then become sul	strial Surface Coal 0-5.050. This alter r applying coating bject to the Aeros	ring rules. As rnate operating scenario gs to aerospace pace NESHAP (for non-
such, these booths are only is being requested to allow components and assemblie exempt coatings) and to Mic	subject to the requi McDonnell Douglas s. These booths wo ssouri's Industrial St	ce NESHAP or Industrements of 10 CSR 1 to use the booths fould then become sularface Coating Rule	strial Surface Coal 0-5.050. This alte r applying coating bject to the Aeros (10 CSR 10-5.330)	ring rules. As rnate operating scenario s to aerospace pace NESHAP (for non- McDonnell Douglas
such, these booths are only is being requested to allow components and assemblie exempt coatings) and to Misshall implement one of the	McDonnell Douglases. These booths wo ssouri's Industrial St	ce NESHAP or Industrements of 10 CSR 1 to use the booths fould then become sularface Coating Rule	strial Surface Coal 0-5.050. This alte r applying coating bject to the Aeros (10 CSR 10-5.330)	ring rules. As rnate operating scenario gs to aerospace pace NESHAP (for non- McDonnell Douglas
such, these booths are only is being requested to allow components and assemblie exempt coatings) and to Misshall implement one of the applicable subsections of 1	McDonnell Douglases. These booths wo ssouri's Industrial St	ce NESHAP or Industrements of 10 CSR 1 to use the booths fould then become sularface Coating Rule	strial Surface Coal 0-5.050. This alte r applying coating bject to the Aeros (10 CSR 10-5.330)	ring rules. As rnate operating scenario gs to aerospace pace NESHAP (for non- McDonnell Douglas
such, these booths are only is being requested to allow components and assemblie exempt coatings) and to Misshall implement one of the	McDonnell Douglases. These booths wo ssouri's Industrial St	ce NESHAP or Industrements of 10 CSR 1 to use the booths fould then become sularface Coating Rule	strial Surface Coal 0-5.050. This alte r applying coating bject to the Aeros (10 CSR 10-5.330)	ring rules. As rnate operating scenario s to aerospace pace NESHAP (for non- McDonnell Douglas
such, these booths are only is being requested to allow components and assemblie exempt coatings) and to Misshall implement one of the applicable subsections of 1 (See Form OP-D05.)	McDonnell Douglases. These booths wo ssouri's Industrial State compliance options of CSR 10-5.330.	ce NESHAP or Industrements of 10 CSR 1 to use the booths fould then become sulurface Coating Rule of the Aerospace NE	strial Surface Coal 10-5.050. This alter r applying coating bject to the Aeros (10 CSR 10-5.330) SHAP (as amende	ring rules. As rnate operating scenario gs to aerospace pace NESHAP (for non McDonnell Douglas ed) and comply with the
such, these booths are only is being requested to allow components and assemblie exempt coatings) and to Mishall implement one of the applicable subsections of 1 (See Form OP-D05.)	McDonnell Douglases. These booths wo ssouri's Industrial Scompliance options O CSR 10-5.330.	ce NESHAP or Industrements of 10 CSR 1 to use the booths for the become substrace Coating Rule of the Aerospace NE	strial Surface Coal 10-5.050. This alter r applying coating bject to the Aeros (10 CSR 10-5.330) SHAP (as amendo	ring rules. As rnate operating scenario gs to aerospace pace NESHAP (for non McDonnell Douglas ed) and comply with the Operating Scenarios.
such, these booths are only is being requested to allow components and assemblie exempt coatings) and to Misshall implement one of the applicable subsections of 1 (See Form OP-D05.) Use FORM OP - F01 or the back 3 Voluntary Permit Conditions	McDonnell Douglases. These booths wo ssouri's Industrial Scompliance options O CSR 10-5.330.	ce NESHAP or Industrements of 10 CSR 1 to use the booths for the become substrace Coating Rule of the Aerospace NE	strial Surface Coal 10-5.050. This alter r applying coating bject to the Aeros (10 CSR 10-5.330) SHAP (as amendo	rnate operating scenarions to aerospace pace NESHAP (for non- McDonnell Douglas ed) and comply with the Operating Scenarios.
such, these booths are only is being requested to allow components and assemblie exempt coatings) and to Mishall implement one of the applicable subsections of 1 (See Form OP-D05.) Use FORM OP - F01 or the back 3. Voluntary Permit Conditions	McDonnell Douglas es. These booths wo ssouri's Industrial Scompliance options to CSR 10-5.330.	ce NESHAP or Industrements of 10 CSR 1 to use the booths for the become substrace Coating Rule of the Aerospace NE	strial Surface Coal 10-5.050. This alte r applying coating bject to the Aeros (10 CSR 10-5.330) SHAP (as amende multiple Alternate (rnate operating scenarions to aerospace pace NESHAP (for non-mode). McDonnell Douglas and comply with the operating Scenarios.
such, these booths are only is being requested to allow components and assemblie exempt coatings) and to Mishall implement one of the applicable subsections of 1 (See Form OP-D05.) Use FORM OP - F01 or the back Voluntary Permit Conditions Condition(s) Requested	McDonnell Douglases. These booths wo ssouri's Industrial Secompliance options O CSR 10-5.330. Of this page if additional description	ce NESHAP or Industrements of 10 CSR 1 to use the booths for the become substrace Coating Rule of the Aerospace NE	strial Surface Coal 10-5.050. This alte r applying coating bject to the Aeros (10 CSR 10-5.330) SHAP (as amende multiple Alternate (rnate operating scenario gs to aerospace pace NESHAP (for non McDonnell Douglas ed) and comply with the Operating Scenarios.

FORM OP - D03	EMISSI	ON UNIT INFORM	ATION	U MORE ME	Section D	
Facility Name		ett Andre	County No.	Plant No.	Year Submitted	
McDonnell Douglas	Corporation		4300	0230	1997	
Emission Point No.	rigi Carri i i i gili.	Emission Unit No.	4	Source	Classification Code (SCC)	
See Table I (attache		able D03-1 tached)	4-02-009-	01 spray booths 31 maskant lines (perc.) 01 maskant line (waterbase		
1. Emission Unit(s)	Information					
Description Of Unit(s)			Manufacturer, Model No., Date Of Manufacture		Maximum Design Rate/Capacity	
All coating lines u	ace S	ee Table D03-1		N.A.		
production includ	ing all maskar	nt lines.				
(See T	able D03-1)			*		
Yes: ✓ No:	erated under al	If Yes, you must co on FORM OP - D03	omplete a separa		Total Maximum DesignRate/Capacity N.A.	
2. Alternate Operat	ing Scenario (Flexibility)				
Alternate Scenario I	D:		SIC Code A	Associated with S	Scenario:	
	CL-01			3	3721	
Description	THE RESERVE	registring per desemble	edergree ii geriöi	ceegaa as s sabee		
•	_				tion of primers, topcoats,	
					ic HAP and VOC contents	
				its complies with	the specified content	
limits, as allowed	under the Aer	ospace NESHAP, 40	CFR 63.743 (a).	the History		
This alternate and	roting cooper	io would be available	only after the e	ffective date of a	ny revision to	
•	_	uch averaging is allow	-			
		nder the Aerospace I		•		
permissio, pari					- 154 01	
Lise FORM OP - F01 o	r the back of th	is page if additional sp	ace is needed for	multiple Alternate	Operating Scenarios.	
		eduding potential emissi				
Condition(s) Requested		Description		Limitation	Pollutant Controlled	
N.A.		N.A.		N.A.	N.A.	

St. Louis, Missouri Tracts I and II

Table D03-1: Alternate Operating Scenario for Coating Lines and Maskant Lines (Aerospace Production)

EIQ Emission Point No.	Emission Unit No.	Description	Manufacturer/Model No./ Date of Manufacture	Stack No.
CL-002-01	SB-002-01	Spray Booth	Unknown	SB002-01
CE 002 0.	05 005 01	(Aerospace Production)		
CL-002-02	SB-002-06	Spray Booth	Unknown	SB002-06
CL-002-02	3D-002-00	(Aerospace Production)	O III. III	0.0000 00
CL-027-01	SB-027-01	Spray Booth	Unknown	SB027-01
CL-027-01	36-027-01	(Aerospace Production)	Olikilowii	55027-01
CL-027-01	SB-027-02	Spray Booth	Unknown	SB027-01A
CL-027-01	3B-027-02	(Aerospace Production)	J. J	00027 0171
CL-027-01	SB-027-03	Spray Booth	Unknown	SB027-01B
CL-027-01	3D-027-03	(Aerospace Production)	Olikiowii	3B027-01B
CL-027-01	SB-027-04	Spray Booth	Unknown	SB027-02
CL-027-01	3B-027-04	(Aerospace Production)	Olikilowii	35027-02
01 007 01	00 027 05	Spray Booth	Unknown	SB027-02A
CL-027-01	SB-027-05	(Aerospace Production)	Onknown	3B027-02A
07: 020 01	OI 020 01		Unknown	CL029-01
CL-029-01	CL-029-01	Spray Booth (Aerospace Production)	Unknown	CL029-01
		(Adhesive Bonding Primers & Specialty Coatings)	11-1	CD020 A 01
CL-029-02	SB-029A-01	Spray Booth	Unknown	SB029A-01
		(Aerospace Production & QA/QC)		20042.01
CL-048-01	SB-048-01	Spray Booth	Unknown	SB048-01
		(Aerospace Production)		
CL-048-01	SB-048-02	Spray Booth	Unknown	SB048-01A
		(Aerospace Production)		
CL-048-01	SB-048-03	Spray Booth	Unknown	SB048-01B
*		(Aerospace Production)		
CL-048-01	SB-048-04	Spray Booth	Unknown	SB048-01C
		(Aerospace Production)		
CL-048-01	SB-048-05	Spray Booth	Unknown	SB048-02
		(Aerospace Production)		
CL-048-01	SB-048-06	Spray Booth	Unknown	SB048-02A
		(Aerospace Production)	21	
CL-048-01	SB-048-07	Spray Booth	Unknown	SB048-02B
		(Aerospace Production)		
CL-048-01	SB-048-08	Spray Booth	Unknown	SB048-02C
		(Aerospace Production)	-	
CL-060-01	SB-060-01	Spray Booth	Unknown	SB060-01
02 000 01		(Aerospace Production Using Aerosol Cans))		
CL-063-01	SB-063-01	Spray Booth	Unknown	SB063-01
02 003 01		(Aerospace Production)		
CL-066-01	SB-066-01	Spray Booth	Unknown	SB066-02
CE-000 01	55 000 0.	(Aerospace Production)		
CL-066-02	SB-066-02	Spray Booth	Unknown	SB066-01
CE-000 02	55 000 05	(Research & Development)		
CL-101-01	SB-101-01	Spray Booth (Aerospace Production)	Unknown	SB101-01
CE-101-01	55-101-01	(Specialty Coatings Only)		
CL-101-01	SB-101-25	Spray Booth	Unknown	SB101-01
CL-101-01	30-101-23	(Aerospace Production)		
CL-101-01	SB-101-26	Spray Booth	Unknown	SB101-26
CL-101-01	30-101-20	(Aerospace Production)	J	53.0.20
Ct 101 01	SB-101-27	Spray Booth	Unknown	SB101-27
CL-101-01	SB-101-2/	(Aerospace Production)	Olikilowii]

St. Louis, Missouri Tracts I and II

Table D03-1: Alternate Operating Scenario for Coating Lines and Maskant Lines (Aerospace Production)

EIQ Emission Point No.	Emission Unit No.	Description	Manufacturer/Model No./ Date of Manufacture	Stack No.
CL-101-01	SB-101-29	Bench Spray Hood	Unknown	SB101-29
CL-101-01	35-101-27	(Aerospace Production)	Oliciowii	35101-27
CL-101-01	SB-101-30	Spray Booth	Unknown	SB101-30
CL-101-01	35-101-30	(Aerospace Production)	Clikilowii	35101-30
CL-101-01	SB-101-39	Spray Booth	Unknown	SB101-39A
CL-101-01	30-101-37	(Aerospace Production)	Olikhowii	30101-371
CL-101-01	SB-101-44	Spray Booth	Unknown	SB101-44
CL-101-01	36-101-44	(Research & Development)	Onknown	35101-44
CL-101-02	SB-101-02	Spray Booth	Unknown	SB101-02
CL-101-02	3B-101-02	(Aerospace Production and	Olikilowii	35101-02
		Research & Development Activities)	-	
CL-101-02	SB-101-33	Spray Booth	Unknown	SB101-33
CL-101-02	20-101-33	(Aerospace Production and	Olikilowii	38101-33
		Research & Development Activities)		
01 101 02	SB-101-40	Spray Booth	Unknown	SB101-40
CL-101-02	SB-101-40	(Aerospace Production)	Onknown	30101-40
	GD 101 404	(Aerospace Production) Spray Booth	Unknown	SB101-40A
CL-101-02	SB-101-40A	1	Unknown	3B101-40A
01 101 00	00.101.01	(Aerospace Production)		CDIOL 45 4
CL-101-03	SB-101-04	Spray Booth	Unknown	SB101-45A
İ		(Periodic Aerospace Production		
		and Research and Development)		
CL-101-03	SB-101-41	Spray Booth	Unknown	SB101-41
		(Research & Development)		
CL-101-03	SB-101-06	Spray Booth (Mock-up and Tooling,	Unknown	SB101-45B
		Periodic Aerospace Production)		
CL-101-03	SB-101-43	Spray Booth	Unknown	SB101-43
		(Research & Development)		
CL-101-03	SB-101-35	Spray Booth	Unknown	SB101-35
		(Research & Development)		
CL-101-03	SB-101-45	Spray Booth	Unknown	SB101-45
		(Research & Development)		
CL-102-01	SB-102-01	Spray Booth	Unknown	SB102-01
		(Research & Development)		
CL-102-01	SB-102-03	Spray Booth	Unknown	SB102-03
		(Aerospace Production)	_	
CL-220-01	SB-220-01	Spray Booth (Aerospace Production)	Unknown	SB220-01
		(Adhesive Bonding Primers & Specialty Coatings)		
CL-248-01	SB-248-01	Spray Booth	Unknown	SB248-01
		(Research & Development)	1	
NONE	SB-101-10	Spray Booth	Unknown	SB101-10
		(Research & Development)	=	
BF-STL-01	BF-STL-01	Facility-Wide Painting Operations	Unknown	None
		(Aerospace Production)	_ =	
		(Note: This emission point includes painting		
		operations which are directly related to		
		aerospace production, but are performed		
ļ		outside of a spray booth.)	= ===	
) (T. O(1 O1	Maskant Line (Perchloroethylene)	Baron-Blakeslee	S-5137
ML-051-01	ME-051-01			
ML-051-01	ML-051-01	Waskant Eme (I cremorocurytene)	CAH 6.12-3T-SP, 1982	

ORM OP - D03 EMISSI	ON UNIT INFORM	ATION	I KEYEL DE	Section
Facility Name		County No.	Plant No.	Year Submitted
AcDonnell Douglas Corporation		4300	0230	1997
mission Point No.	Emission Unit No.		Source C	Classification Code (SCC)
ML-051-01	ML	-051-01		31 (primary) 01 (alternate operating
Emission Unit(s) Information				
Description Of Unit(s)		facturer, Model I e Of Manufactur		Maximum Design Rate/Capacity
Maskant Line	Baron-	Blakeslee,	S-5137	1500 gallons maskant
	CAH 6.	12-3T-SP, 1982		capacity,
				4500 gallons
	100			perchloroethylene
- Anna Daniela Barrella Barrel				capacity
a coefue manalis		1 4 5 5		
Will this unit be operated under a Yes: ✓ No:	If Yes, you must co	omplete a separa		Total Maximum DesignRate/Capacity N.A.
	on FORM OP - D03	for each scena	rio.	
2. Alternate Operating Scenario (Flexibility)	1816 C-4- A	Associated with	Connerios
Alternate Scenario ID: ML-01		Sic Code A		721
This alternate operating scenar operation) to be converted to a definition, the maskant is not stime. When conversion to the vapplicable subsections of 10 C milling maskants. (See Forms	waterbased maskant ubject to Missouri's I waterbased maskant SR 10-5.330 and the A OP-D05 for 10 CSR 1	line. Since perondustrial Surface occurs, McDonn Aerospace NESH	chloroethylene is e Coating Rule (sell Douglas shal IAP (as amended FR Part 63, Sub	s not a VOC by regulatory 10 CSR 10-5.330) at this Il comply with the d) for chemical part GG.)
3. Voluntary Permit Conditions	for reducing potential	emissions, conditi	ions will become	rederally enforceable.
Condition(s) Requested	Description	=	Limitation	Pollutant Controlle
N.A.	N.A.		N.A.	N.A.
3 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	e the the as	The state of the s	# II. 1	

FO	RM	OP	- E	003
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EMISSION UNIT INFORMATION

Section D

Facility Name			County No.	Plant No.	Year Submitted	
McDonnell Douglas Corporation			4300	0230	1997	
Emission Point No.		Emission Unit No.		Source	Classification Code (SCC)	
None	-11		120-01		3-90-900-03 (BL)	
		81-	120-02		3-90-900-04 (WL)	
1. Emission Unit(s) Infor	nauon	B.F	ingturer Madal N	lo Stock	Maximum	
Description Of	Unit(s)		facturer, Model N e Of Manufacture		Design Rate/Capacity	
(2) Fuel Oil No. 2 Storag	ge Tanks				N Comment	
(Back-up fuel for (3) ste	am				Tang tale a	
boilers in Bldg. 101)						
Emission Unit Nos.						
ST-120-01		unknov	vn 19	062 N.A.	107,000 gallons	
ST-120-02		unknov	vn 19	N.A.	50,000 gallons	
Will this unit be operated Yes: ✓ No:		If Yes, you must co on FORM OP - D03	omplete a separa		Total Maximum DesignRate/Capacity 157,000 gallons	
2. Alternate Operating Sc	enario (F	lexibility)				
Alternate Scenario ID:			SIC Code A	ssociated with		
	ST-01				721	
Description		is being somested	to allow MaDon	nell Dougles to	replace the above tanks	
	_				used to store an organic	
liquid with a vapor pres		• •				
					rt 60, Subpart Kb. Since	
• •					tified in the rule, the new	
tanks will be subject or	• -					
McDonnell Douglas sh	all keep re	ecords of the dimens	sions and calcula	ated capacity o	f each tank in order to	
comply with this requir	rement. (S	See Form OP-D05.)				
Use FORM OP - F01 or the Scenarios.	e back of	this page if addition	al space is need	ed for multiple	Alternate Operating	
3. Voluntary Permit Con-	ditions fo	or reducing potential e	missions, conditio	ons will become	federally enforceable.	
Condition(s) Requested		Description		Limitation	Pollutant Controlled	
N.A.		N.A.		N.A.	N.A.	
-						
			1 25.4		production to the	
10 700 4540 (57) 5 "	44 4000	5	unlineds Abie 5		Page D0	

St. Louis, Missouri Tracts I and II

EIQ Point	Emission Unit	Applicable	Form OP-D04	Form OP-D05
Number	Number	Requirement	Page #	Page #
N.A.	Plantwide	40 CFR Part 61 Subpart M	D04F-1	D05F-1
		10 CSR 10-6.080	D04F-1	1
N.A.	Plantwide	40 CFR Part 70	D04F-2	D05F-2
		10 CSR 10-6.065	D04F-2	D05F-2
N.A.	Plantwide	40 CFR Part 82, Subpart A	D04F-3	D05F-3
		40 CFR Part 82, Subpart B	D04F-3	D05F-4
		40 CFR Part 82, Subpart C	D04F-3	
N.A.	Plantwide	40 CFR Part 82, Subpart E	D04F-4	D05F-5
14.74.	1.44	40 CFR Part 82, Subpart F	D04F-4	D05F-6
N.A.	Plantwide	40 CFR Part 82, Subpart G	D04F-5	
N.A.	Plantwide	10 CSR 10-5.070	D04F-6	D05F-7
N.A.	Plantwide	10 CSR 10-5.090	D04F-7 and D04F-8	D05F-8
N.A.	Plantwide	10 CSR 10-5.100	D04F-9	D05F-9
N.A.	Plantwide	10 CSR 10-5.110	D04F-10	D05F-10
N.A.	Plantwide	10 CSR 10-5.150	D04F-11	D05F-11
	Plantwide	10 CSR 10-5.250	D04F-12	
N.A.	Plantwide	10 CSR 10-6.110	D04F-13	D05F-12
N.A.	Plantwide	10 CSR 10-6.130	D04F-13	D05F-13
N.A.		10 CSR 10-6.150	D04F-14	
N.A.	Plantwide	10 CSR 10-6.180	D04F-15	D05F-14
N.A.	Plantwide	10 CSR 10-5.160	D04S-1	D05S-1
N.A.	Plantwide	10 CSR 10-5.100	D04S-2	D05S-2
N.A.	Plantwide	10 CSR 10-6.050	D04S-3	D05S-3
N.A.	Plantwide	10 CSR 10-6.170	D04S-4	. D05S-4
N.A.	Plantwide	10 CSR 10-6.170	D04S-5	. D05S-5
N.A.	Plantwide	10 CSR 10-0.240	D04S-6	D05S-6
N.A.	Plantwide	10 CSR 10-6.250	D04S-7	D05S-7 thru D05S-10
N.A.	Plantwide		D04S-3	D05S-11
N.A.	Plantwide	St. Louis County APC Code 612.310	D04S-8	D05S-12
N.A.	Plantwide	St. Louis County APC Code 612.340	D045-48	
AS-STL-01	AS-STL-01	No Emission Unit Specific Applicable Requirements	D04F-48	
AS-STL-01	AS-STL-02	No Emission Unit Specific Applicable Requirements	D04F-48	
AS-STL-01	AS-101-01	No Emission Unit Specific Applicable Requirements	D04F-48	
AS-STL-01	AS-101-02	No Emission Unit Specific Applicable Requirements	D04F-48	
AS-STL-01	SB-002-05	No Emission Unit Specific Applicable Requirements	D04F-17	
AS-STL-01	SB-102-02	10 CSR 10-6.060	D04F-17	
		St. Louis County APC Code 612.110		
		Construction Permit #1207	D04F-17	D05S-13 thru D05S-1
		St. Louis County APC Code 612.120	D04S-10	1
		St. Louis County APC Code 612.150	D04S-10	
		Operating Permit #5140	D04S-10	
BF-STL-01	MS-101-01	No Emission Unit Specific Applicable Requirements	D04F-48	D050 12 4 D050 1
BF-STL-01	MS-101-08	St. Louis County APC Code 612.120	D04S-10	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-10	
		Operating Permit #3208	D04S-10	

St. Louis, Missouri Tracts I and II

EIQ Point	Emission Unit	Applicable	Form OP-D04	Form OP-D05
Number	Number	Requirement	Page #	Page #
BF-STL-01	SB-120-01	10 CSR 10-6.060	D04F-17	
DI-SIL OI	32 .20 01	St. Louis County APC Code 612.110	D04F-17	
		Construction Permit #1623	D04F-17	
i	-	St. Louis County APC Code 612.120	D04S-10	D05S-13 thru D05S-17
, ==		St. Louis County APC Code 612.150	D04S-10	
		Operating Permit #5619	D04S-10	
BF-STL-02	BF-STL-01	No Emission Unit Specific Applicable Requirements	D04F-48	
	OV-066-02	No Emission Unit Specific Applicable Requirements	D04F-48	-
BF-STL-02 BF-STL-02	OV-101D-56	No Emission Unit Specific Applicable Requirements	D04F-48	
	PT-102-01	No Emission Unit Specific Applicable Requirements	D04F-48	
BF-STL-02		No Emission Unit Specific Applicable Requirements	D04F-48	
BF-STL-02	SS-022-01	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
BF-STL-03	BF-STL-03	10 CSR 10-6.075	D04F-17	D05F-15
	77 000 03	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
BF-002-03	BF-002-03	10 CSR 10-6.075	D04F-17	D05F-15
	DD 005 02	40 CFR Part 63, Subpart GG	D04F-17	D05F-15
BF-027-03	BF-027-03	10 CSR 10-6.075	D04F-17	D05F-15
		40 CFR Part 63, Subpart GG	D04F-17	D05F-15
BF29-03	BF-029-03	10 CSR 10-6.075	D04F-17	D05F-15
		40 CFR Part 63, Subpart GG	D04F-17	D05F-15
BF-048-03	BF-048-03	10 CSR 10-6.075	D04F-17	D05F-15
-		40 CFR Part 63, Subpart GG	D04F-17	D05F-15
BF-066-03	BF-066-03	· · · · · · · · · · · · · · · · · · ·	D04F-17	D05F-15
		10 CSR 10-6.075 40 CFR Part 63, Subpart GG	D04F-17	. D05F-15
BF-101-03	BF-101-03	10 CSR 10-6.075	D04F-17	D05F-15
		40 CFR Part 63, Subpart GG	D04F-18	D05F-15
BF-102-03	BF-102-03	, <u> </u>	D04F-18	D05F-15
		10 CSR 10-6.075	D04F-18	D05F-15
BF-220-03	BF-220-03	40 CFR Part 63, Subpart GG	D04F-18	D05F-15
		10 CSR 10-6.075 40 CFR Part 63, Subpart GG	D04F-18	D05F-15
BF-245-03	BF-245-03		D04F-18	D05F-15
		10 CSR 10-6.075	D04F-18	D05F-16
NONE	MS-027-05	40 CFR Part 68 Section 112(r)	D04F-18	D05F-17
NONE	MS-052-01	40 CFR Part 68 Section 112(r)	D04F-18	D05F-19 and D05F-20
CC-STL-01	CC-STL-01A	10 CSR 10-5.300	D04F-18	D05F-18
CC-STL-01	CC-STL-01B	40 CFR Part 63, Subpart GG	D04F-18	D05F-18
		10 CSR 10-6.075	D04F-18	D05F-19 and D05F-2
		10 CSR 10-5.300	D04F-18	D051-17 and 2001-2
CC-STL-01	CC-101-14	10 CSR 10-6.060,	D04F-18	
		St. Louis County APC Code 612.110	D04F-18	
		Construction Permit #1711	D04F-18 D04S-10	D05S-13 thru D05S-1
		St. Louis County APC Code 612.120	D04S-10 D04S-10	
	li I	St. Louis County APC Code 612.150		
		Operating Permit #5700	D04S-10	

St. Louis, Missouri
Tracts I and II

EIQ Point	Emission Unit	Applicable	Form OP-D04	Form OP-D05
Number	Number	Requirement	Page #	Page #
CC-STL-01	CC-101-15	10 CSR 10-5.300	D04F-19	D05F-19 and D05F-20
		10 CSR 10-6.060,	D04F-19	D05F-21
	1	St. Louis County APC Code 612.110	D04F-19	D05F-21
	I ==	Construction Permit #6188	D04F-19	D05F-21
,	1	St. Louis County APC Code 612.120	D04S-11	D05S-13 thru D05S-17
	1	St. Louis County APC Code 612.150	D04S-11	
		Operating Permit # (pending)	D04S-11	
CC-STL-01	CC-102-01	10 CSR 10-5.300	D04F-19	D05F-19 and D05F-20
CC-312-01	00 102 01	St. Louis County APC Code 612.110	D04S-11	
	F	Construction Permit #0777 (not in effect)	D04S-11	***
		St. Louis County APC Code 612.120	D04S-11	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-11	
		Operating Permit #4374	D04S-11	
CC-STL-01	CC-105-01	10 CSR 10-5.300	D04F-19	D05F-19 and D05F-20
CC-SIL-VI	CC-105-01	10 CSR 10-6.060,	D04F-19	D05F-22
-		St. Louis County APC Code 612.110	D04F-19	D05F-22
		Construction Permit #6180	D04F-19	D05F-22
		St. Louis County APC Code 612.120	D04S-11	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-11	
		Operating Permit # (pending)	D04S-11	
55 101 01	00 101 16	10 CSR 10-5.300	D04F-19	D05F-19 and D05F-20
CC-101-01	CC-101-16	St. Louis County APC Code 612.120	D04S-11	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-11	
-		Operating Permit #3595	D04S-11	,
66 101 02	DT-101-07	10 CSR 10-5.300	D04F-19	D05F-19 and D05F-20
CC-101-02	D1-101-07	10 CSR 10-6.060,	D04F-19	
	}	St. Louis County APC Code 612.110	D04F-19	
	1	Construction Permit #1407	D04F-19	100
		St. Louis County APC Code 612.120	D04S-11	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-11	
		Operating Permit #5439	D04S-11	
00.101.00	DT 101 00	10 CSR 10-5.300	D04F-19	D05F-19 and D05F-20
CC-101-02	DT-101-08	10 CSR 10-5.500	D04F-19	
n e		St. Louis County APC Code 612.110	D04F-19	
-		Construction Permit #1407	D04F-19	"
		St. Louis County APC Code 612.120	D04S-12	D05S-13 thru D05S-1
		St. Louis County APC Code 612.120 St. Louis County APC Code 612.150	D04S-12	
	_		D04S-12	
		Operating Permit #5439	D04F-19	D05F-19 and D05F-20
CC-STL-01	CC-221-01	10 CSR 10-5.300	D04F-19	D05F-23
		10 CSR 10-6.060	D04F-19	D05F-23
		St. Louis County APC Code 612.110	D04F-19	D05F-23
		Construction Permit #6114	D04S-12	D05S-13 thru D05S-1
		St. Louis County APC Code 612.120	D04S-12	D05S-18
		St. Louis County APC Code 612.150		D05S-18
	1	Operating Permit #6114	D04S-12	D033-10

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CC-STL-01	OV-221-02	No Emission Unit Specific Applicable Requirements	D04F-48	I
CC-STL-01	CC-245-04	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-002-01	MB-002-01	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-002-01	OV-002-01	No Emission Unit Specific Applicable Requirements	D04F-48	
CL2002-01	SB-002-01	40 CFR Part 63, Subpart GG	D04F-20	D05F-24 and D05F-25
		10 CSR 10-6.075	D04F-20	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-20	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-20	D05F-28 and D05F-29
		10 CSR 10-6.060	D04F-20	D05F-30
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	St. Louis County APC Code 612.110	D04F-20	D05F-30
	1.745	Construction Permit #1780	D04F-20	D05F-30
	H 1917	St. Louis County APC Code 612.120	D04S-12	D05S-13 thru D05S-17
	off or all	St. Louis County APC Code 612.150	D04S-12	D05S-19
	1	Operating Permit #5771	D04S-12	D05S-19
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-002-02	SB-002-03	No Emission Unit Specific Applicable Requirements	D04F-48	1
CL-002-02	SB-002-06	40 CFR Part 63, Subpart GG	D04F-20	D05F-24 and D05F-25
OB 002 02		10 CSR 10-6.075	D04F-20	D05F-24 and D05F-25
	1.00	10 CSR 10-5.050	D04F-20	D05F-26 and D05F-27
	229 11	10 CSR 10-5.330	D04F-20	D05F-28 and D05F-29
	19-31	St. Louis County APC Code 612.120	D04S-12	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-12	
		Operating Permit #3553	D04S-12	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-002-02	MB-002-02	No Emission Unit Specific Applicable Requirements	D04F-48	77 111 1
CL-022-01	SB-022-01	St. Louis County APC Code 612.110	D04S-13	
CL-022-01	05 022 01	Construction Permit #0354 (not in effect)	D04S-13	
	> 11 %	St. Louis County APC Code 612.120	D04S-13	D05S-13 thru D05S-11
		St. Louis County APC Code 612.150	D04S-13	
		Operating Permit #3488	D04S-13	
CL-027-01	OV-027-11	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-027-01	OV-027-23	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-027-01	OV-027-24	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-027-01	SB-027-01	40 CFR Part 63, Subpart GG	D04F-20	D05F-24 and D05F-2.
CL-027-01	35-027-01	10 CSR 10-6.075	D04F-20	D05F-24 and D05F-2:
		10 CSR 10-5.050	D04F-20	D05F-26 and D05F-2
		10 CSR 10-5.330	D04F-20	D05F-28 and D05F-2
		St. Louis County APC Code 612.120	D04S-13	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-13	
		Operating Permit #3222	D04S-13	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6

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CL-027-01	SB-027-02	40 CFR Part 63, Subpart GG	D04F-21	D05F-24 and D05F-25
		10 CSR 10-6.075	D04F-21	D05F-24 and D05F-25
	1	10 CSR 10-5.050	D04F-21	D05F-26 and D05F-27
	ĺ	10 CSR 10-5.330	D04F-21	D05F-28 and D05F-29
,		St. Louis County APC Code 612.120	D04S-13	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-13	
		Operating Permit #3223	D04S-13	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-027-01	SB-027-03	40 CFR Part 63, Subpart GG	D04F-21	D05F-24 and D05F-25
02 02.		10 CSR 10-6.075	D04F-21	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-21	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-21	D05F-28 and D05F-29
	1	St. Louis County APC Code 612.120	D04S-13	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-13	
		Operating Permit #3224	D04S-13	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-027-01	SB-027-04	40 CFR Part 63, Subpart GG	D04F-21	D05F-24 and D05F-25
CE 027 01		10 CSR 10-6.075	D04F-21	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-21	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-21	D05F-28 and D05F-29
		St. Louis County APC Code 612.120	D04S-13	D05S-13 thru D05S-11
		St. Louis County APC Code 612.150	D04S-13	
		Operating Permit #3225	D04S-13	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-027-01	SB-027-05	40 CFR Part 63, Subpart GG	D04F-21	D05F-24 and D05F-25
02 02. 0.		10 CSR 10-6.075	D04F-21	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-21	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-21	D05F-28 and D05F-29
		St. Louis County APC Code 612.120	D04S-14	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-14	**-
		Operating Permit #3216	D04S-14	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-029-01	CL-029-01	10 CSR 10-5.050	D04F-22	D05F-26 and D05F-2
02 027 01		10 CSR 10-5.330	D04F-22	D05F-28 and D05F-29
		10 CSR 10-6.060	D04F-22	D05F-31
		St. Louis County APC Code 612.110	D04F-22	D05F-31
		Construction Permit #6259	D04F-22	D05F-31
		St. Louis County APC Code 612.120	D04S-14	D05S-13 thru D05S-1
]	St. Louis County APC Code 612.150	D04S-14	
		Operating Permit # (pending)	D04S-14	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6

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Number	Number	Requirement	Page #	Page #
CL-029-02	SB-029A-01	40 CFR Part 63, Subpart GG	D04F-22	D05F-24 and D05F-25
CL-027-02	32 023.1. 01	10 CSR 10-6.075	D04F-22	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-22	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-22	D05F-28 and D05F-29
•		10 CSR 10-6.060	D04F-22	D05F-32
		St. Louis County APC Code 612.110	D04F-22	D05F-32
		Construction Permit #1755	D04F-22	D05F-32
	CIGHT II	St. Louis County APC Code 612.120	D04S-14	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-14	D05S-20
	W II A	Operating Permit #5739	D04S-14	D05S-20
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-048-01	MB-048-01	10 CSR 10-6.060	D04F-22	
CL-048-01	MID-040-01	St. Louis County APC Code 612.110	D04F-22	
		Construction Permit #1521	D04F-22	
	11	St. Louis County APC Code 612.120	D04S-14	D05S-13 thru D05S-11
		St. Louis County APC Code 612.150	D04S-14	
		Operating Permit #5489	D04S-14	
	GD 040 01	40 CFR Part 63, Subpart GG	D04F-22	D05F-24 and D05F-2
CL-048-01	SB-048-01	10 CSR 10-6.075	D04F-22	D05F-24 and D05F-2
	ane :	10 CSR 10-5.050	D04F-22	D05F-26 and D05F-2
		10 CSR 10-5.330	D04F-22	D05F-28 and D05F-29
		St. Louis County APC Code 612.120	D04S-14	D05S-13 thru D05S-1
		St. Louis County APC Code 612.120 St. Louis County APC Code 612.150	D04S-14	
	n f = 4	Operating Permit #3221	D04S-14	,
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
	22.010.00	40 CFR Part 63 Subpart GG (Alternate Operating Section 6)	D04F-22	D05F-24 and D05F-2
CL-048-01	SB-048-02	10 CSR 10-6.075	D04F-22	D05F-24 and D05F-2
		10 CSR 10-5.050	D04F-22	D05F-26 and D05F-2
	0.0	10 CSR 10-5.330	D04F-22	D05F-28 and D05F-2
		St. Louis County APC Code 612.120	D04S-15	D05S-13 thru D05S-1
		St. Louis County APC Code 612.120 St. Louis County APC Code 612.150	D04S-15	
			D04S-15	
		Operating Permit #3275	2015.5	D05A-4 thru D05A-0
1111		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-22	D05F-24 and D05F-2
CL-048-01	SB-048-03	40 CFR Part 63, Subpart GG	D04F-22	D05F-24 and D05F-2
		10 CSR 10-6.075	D04F-22	D05F-26 and D05F-2
	1	10 CSR 10-5.050	D04F-22	D05F-28 and D05F-2
		10 CSR 10-5.330	D041-22	D05S-13 thru D05S-1
		St. Louis County APC Code 612.120	D04S-15	
		St. Louis County APC Code 612.150	D04S-15	
		Operating Permit #3276	D045-13	D05A-4 thru D05A-
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		DOJA-4 tilla DOJA-

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Number	Number	Requirement	Page #	Page #
CL-048-01	SB-048-04	40 CFR Part 63, Subpart GG	D04F-22	D05F-24 and D05F-25
4		10 CSR 10-6.075	D04F-22	D05F-24 and D05F-25
	m (f)	10 CSR 10-5.050	D04F-22	D05F-26 and D05F-27
- 1		10 CSR 10-5.330	D04F-22	D05F-28 and D05F-29
,		St. Louis County APC Code 612.120	D04S-15	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-15	
1		Operating Permit #3277	D04S-15	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-048-01	SB-048-05	40 CFR Part 63, Subpart GG	D04F-24	D05F-24 and D05F-25
		10 CSR 10-6.075	D04F-24	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-24	D05F-26 and D05F-27
1		10 CSR 10-5.330	D04F-24	D05F-28 and D05F-29
-	ļ	St. Louis County APC Code 612.120	D04S-15	D05S-13 thru D05S-17
	1	St. Louis County APC Code 612.150	D04S-15	
= -		Operating Permit #3278	D04S-15	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-048-01	SB-048-06	40 CFR Part 63, Subpart GG	D04F-24	D05F-24 and D05F-25
CE 010 01	32 0 10 11	10 CSR 10-6.075	D04F-24	D05F-24 and D05F-25
	7	10 CSR 10-5.050	D04F-24	D05F-26 and D05F-27
	10	10 CSR 10-5.330	D04F-24	D05F-28 and D05F-29
		St. Louis County APC Code 612.120	D04S-15	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-15	
		Operating Permit #3279	D04S-15	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-048-01	SB-048-07	40 CFR Part 63, Subpart GG	D04F-24	D05F-24 and D05F-25
CE-040-01	02 0 10 0 1	10 CSR 10-6.075	D04F-24	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-24	D05F-26 and D05F-27
	ļ	10 CSR 10-5.330	D04F-24	D05F-28 and D05F-29
		St. Louis County APC Code 612.120	D04S-16	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-16	
		Operating Permit #3280	D04S-16	
ł		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-048-01	SB-048-08	40 CFR Part 63, Subpart GG	D04F-24	D05F-24 and D05F-25
		10 CSR 10-6.075	D04F-24	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-24	D05F-26 and D05F-27
	- 1	10 CSR 10-5.330	D04F-24	D05F-28 and D05F-29
1		St. Louis County APC Code 612.120	D04S-16	D05S-13 thru D05S-1
1		St. Louis County APC Code 612.150	D04S-16	
		Operating Permit #3281	D04S-16	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-048-01	SS-048-01	No Emission Unit Specific Applicable Requirements	D04F-48	

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CL-048-01	VS-048-01	10 CSR 10-6.060	D04F-24	
		St. Louis County APC Code 612.110	D04F-24	
		Construction Permit #1521	D04F-24	
	1	St. Louis County APC Code 612.120	D04S-16	D05S-13 thru D05S-17
*		St. Louis County APC Code 612.150	D04S-16	
		Operating Permit #5489	D04S-16	N 177
CL-060-01	SB-060-01	10 CSR 10-5.050	D04F-25	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-25	D05F-28 and D05F-29
		St. Louis County APC Code 612.120	D04S-16	D05S-13 thru D05S-17
	1	St. Louis County APC Code 612.150	D04S-16	
		Operating Permit #5735	D04S-16	
	1 =	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-063-01	MB-063-01	10 CSR 10-6.060	D04F-25	
CE-005 01		St. Louis County APC Code 612.110	D04F-25	
		Construction Permit #1491	D04F-25	
	* _ E = 0	St. Louis County APC Code 612.120	D04S-16	D05S-13 thru D05S-17
	3 등	St. Louis County APC Code 612.150	D04S-16	
		Operating Permit #5487	D04S-16	
CL-063-01	SB-063-01	40 CFR Part 63, Subpart GG	D04F-25	D05F-24 and D05F-25
CL-003-01	35-003-01	10 CSR 10-6.075	D04F-25	D05F-24 and D05F-25
	TI .	10 CSR 10-5.050	D04F-25	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-25	D05F-28 and D05F-29
		10 CSR 10-6.060	D04F-25	
	1	St. Louis County APC Code 612.110	D04F-25	,
		Construction Permit #1490	D04F-25	
		St. Louis County APC Code 612.120	D04S-17	D05S-13 thru D05S-17
]	St. Louis County APC Code 612.150	D04S-17	
		Operating Permit #5486	D04S-17	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
	00.000.00	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-063-01	SB-063-02	40 CFR Part 63, Subpart GG	D04F-26	D05F-24 and D05F-25
CL-066-01	SB-066-01	10 CSR 10-6.075	D04F-26	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-26	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-26	D05F-28 and D05F-29
		• • • • • • • • • • • • • • • • • • • •	D04F-26	D05F-33
		10 CSR 10-6.060 St. Louis County APC Code 612.110	D04F-26	D05F-33
			D04F-26	D05F-33
		Construction Permit #1369	D04S-17	D05S-13 thru D05S-11
		St. Louis County APC Code 612.120	D04S-17	D05S-21
	1	St. Louis County APC Code 612.150	D04S-17	D05S-21
	1	Operating Permit #5368	D043-17	D05A-4 thru D05A-6
	1	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		20371 1 1111 2 20071 0

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	SB-066-02	10 CSR 10-6.060	D04F-26	D05F-34
CL-066-01	SB-000-02	St. Louis County APC Code 612.110	D04F-26	D05F-34
		Construction Permit #1366	D04F-26	D05F-34
		St. Louis County APC Code 612.120	D04S-17	D05S-13 thru D05S-17
		St. Louis County APC Code 612.120	D04S-17	D05S-22
*		Operating Permit #5331	D04S-17	D05S-22
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
GI 101 01	CD 101 01	10 CSR 10-5.050	D04F-26	D05F-26 and D05F-27
CL-101-01	SB-101-01	10 CSR 10-5.030	D04F-26	D05F-28 and D05F-29
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	5041 -20	D05A-4 thru D05A-6
	00 101 07	10 CSR 10-5.050	D04F-27	D05F-26 and D05F-27
CL-101-01	SB-101-07	10 CSR 10-5.030	D04F-27	D05F-28 and D05F-29
	00 101 00	40 CFR Part 63, Subpart GG	D04F-27	D05F-24 and D05F-25
CL-101-01	SB-101-25	10 CSR 10-6.075	D04F-27	D05F-24 and D05F-25
	1	10 CSR 10-5.073	D04F-27	D05F-26 and D05F-27
		10 CSR 10-5.030 10 CSR 10-5.330	D04F-27	D05F-28 and D05F-29
			D041-27	D05S-13 thru D05S-17
	l i	St. Louis County APC Code 612.120	D04S-17	
	1	St. Louis County APC Code 612.150	D04S-17	
		Operating Permit #3208	D043-17	D05A-4 thru D05A-6
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-27	D05F-24 and D05F-25
CL-101-01	SB-101-26	40 CFR Part 63, Subpart GG	D04F-27	D05F-24 and D05F-25
		10 CSR 10-6.075	D04F-27	D05F-26 and D05F-27
		10 CSR 10-5.050	D04F-27	D05F-28 and D05F-29
		10 CSR 10-5.330	D04F-27	D05S-13 thru D05S-17
]	St. Louis County APC Code 612.120	D04S-17	D033-13 tilla D038 17
		St. Louis County APC Code 612.150	D04S-17	
		Operating Permit #3208	D043-17	D05A-4 thru D05A-6
	L	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-27	D05F-24 and D05F-25
CL-101-01	SB-101-27	40 CFR Part 63, Subpart GG	D04F-27	D05F-24 and D05F-25
		10 CSR 10-6.075	D04F-27	D05F-26 and D05F-27
	III.	10 CSR 10-5.050	D04F-27	D05F-28 and D05F-29
		10 CSR 10-5.330	D04F-27 D04S-18	D05S-13 thru D05S-17
		St. Louis County APC Code 612.120	D04S-18	D030-13 tilla D030-17
		St. Louis County APC Code 612.150	D04S-18	
		Operating Permit #3208	D045-18	D05A-4 thru D05A-6
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		ס-אכטע שוווו ד-אכטע

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CL-101-01	SB-101-29	40 CFR Part 63, Subpart GG	D04F-27	D05F-24 and D05F-25
CL-101-01	3B-101-27	10 CSR 10-6.075	D04F-27	D05F-24 and D05F-25
h B	= =	10 CSR 10-5.050	D04F-27	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-27	D05F-28 and D05F-29
, -	_ =	10 CSR 10-6.060	D04F-27	
		St. Louis County APC Code 612.110	D04F-27	
		Construction Permit #1624	D04F-27	
		St. Louis County APC Code 612.120	D04S-18	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-18	
	1	Operating Permit #5614	D04S-18	
	4 15	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-101-01	SB-101-30	40 CFR Part 63, Subpart GG	D04F-28	D05F-24 and D05F-25
CL-101-01	30-101-30	10 CSR 10-6.075	D04F-28	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-28	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-28	D05F-28 and D05F-29
	h .	St. Louis County APC Code 612.120	D04S-18	D05S-13 thru D05S-17
	h i	St. Louis County APC Code 612.150	D04S-18	
		Operating Permit #3208	D04S-18	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-101-01	SB-101-39	40 CFR Part 63, Subpart GG	D04F-28	D05F-24 and D05F-25
CL-101-01	36-101-37	10 CSR 10-6.075	D04F-28	D05F-24 and D05F-25
	1	10 CSR 10-5.050	D04F-28	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-28	D05F-28 and D05F-29
	1	St. Louis County APC Code 612.120	D04S-18	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-18	
		Operating Permit #3554	D04S-18	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-101-01	SB-101-44	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-101-01	SB-101-46	No Emission Unit Specific Applicable Requirements	D04F-48	
	SB-101-02	40 CFR Part 63, Subpart GG	D04F-28	D05F-24 and D05F-25
CL-101-02	3B-101-02	10 CSR 10-6.075	D04F-28	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-28	D05F-26 and D05F-27
	1 1	10 CSR 10-5.330	D04F-28	D05F-28 and D05F-29
	1	10 CSR 10-6.060	D04F-28	D05F-35
		St. Louis County APC Code 612.110	D04F-28	D05F-35
	1	Construction Permit #1754	D04F-28	D05F-35
	1	St. Louis County APC Code 612.120	D04S-18	D05S-13 thru D05S-17
	[]	St. Louis County APC Code 612.150	D04S-18	D05S-23
		Operating Permit #5737	D04S-18	D05S-23
	1	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6

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CL-101-02	SB-101-33	40 CFR Part 63, Subpart GG	D04F-29	D05F-24 and D05F-25
CL-101-02	5B-101-33	10 CSR 10-6.075	D04F-29	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-29	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-29	D05F-28 and D05F-29
,		St. Louis County APC Code 612.120	D04S-19	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-19	
		Operating Permit #3219	D04S-19	
11 🚍		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-101-02	SB-101-40	40 CFR Part 63, Subpart GG	D04F-29	D05F-24 and D05F-25
CL-101-02	35-101-40	10 CSR 10-6.075	D04F-29	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-29	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-29	D05F-28 and D05F-29
2		St. Louis County APC Code 612.120	D04S-19	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-19	
	d.	Operating Permit #3217	D04S-19	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-101-02	SB-101-40A	40 CFR Part 63, Subpart GG	D04F-29	D05F-24 and D05F-25
CL-101-02	30-101-407	10 CSR 10-6.075	D04F-29	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-29	D05F-26 and D05F-27
		10 CSR 10-5.330	D04F-29	D05F-28 and D05F-29
		St. Louis County APC Code 612.120	D04S-19	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-19	"
	1	Operating Permit #3218	D04S-19	
	1	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-101-03	MB-101-01	10 CSR 10-6.060	D04F-29	. D05F-37
CL-101-03	MID-101-01	St. Louis County APC Code 612.110	D04F-29	D05F-37
		Construction Permit #6208	D04F-29	D05F-37
		St. Louis County APC Code 612.120	D04S-19	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-19	
		Operating Permit # (pending)	D04S-19	
CL-101-03	SB-101-04	40 CFR Part 63, Subpart GG	D04F-30	D05F-24 and D05F-2
CL-101-03	35-101-04	10 CSR 10-6.075	D04F-30	
		10 CSR 10-5.050	D04F-30	D05F-26 and D05F-2
		10 CSR 10-5.330	D04F-30	D05F-28 and D05F-2
		10 CSR 10-6.060	D04F-30	D05F-36
	90	St. Louis County APC Code 612.110	D04F-30	D05F-36
		Construction Permit #5988	D04F-30	D05F-36
		St. Louis County APC Code 612.120	D04S-19	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-19	
	1	Operating Permit # (pending)	D04S-19	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-

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Number	Number	Requirement	Page #	Page #
CL-101-03	SB-101-41	10 CSR 10-6.060	D04F-30	11.57
CL-101-05	05 101 11	St. Louis County APC Code 612.110	D04F-30	
		Construction Permit #1621	D04F-30	
		St. Louis County APC Code 612.120	D04S-19	D05S-13 thru D05S-17
3 -05		St. Louis County APC Code 612.150	D04S-19	
		Operating Permit #5690	D04S-19	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-101-03	SB-101-06	40 CFR Part 63, Subpart GG	D04F-30	D05F-24 and D05F-25
CL-101-03	36-101-00	10 CSR 10-6.075	D04F-30	D05F-24 and D05F-25
-	-4.7	10 CSR 10-5.050	D04F-30	D05F-26 and D05F-27
- 1		10 CSR 10-5.330	D04F-30	D05F-28 and D05F-29
		10 CSR 10-6.060	D04F-30	1
		St. Louis County APC Code 612.110	D04F-30	
		Construction Permit #1473	D04F-30	
		St. Louis County APC Code 612.120	D04S-20	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-20	
	-	Operating Permit #5440	D04S-20	
	- A 1/	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
- 101 00	SB-101-43	10 CSR 10-6.060	D04F-31	
CL-101-03	SB-101-43	St. Louis County APC Code 612.110	D04F-31	
		Construction Permit #1474	D04F-31	
		St. Louis County APC Code 612.120	D04S-20	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-20	
		Operating Permit #5442	D04S-20	
	1	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
	ap 101 25	10 CSR 10-6.060	D04F-31	
CL-101-03	SB-101-35	St. Louis County APC Code 612.110	D04F-31	
		Construction Permit #1475	D04F-31	
		St. Louis County APC Code 612.120	D04S-20	D05S-13 thru D05S-1
	1	St. Louis County APC Code 612.150	D04S-20	
	1	Operating Permit #5443	D04S-20	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
		10 CSR 10-6.060	D04F-32	D05F-37
CL-101-03	SB-101-45	St. Louis County APC Code 612.110	D04F-32	D05F-37
	1	Construction Permit #6208	D04F-32	D05F-37
	7 =	St. Louis County APC Code 612.120	D04S-20	D05S-13 thru D05S-1
	1	St. Louis County APC Code 612.150	D04S-20	
		Operating Permit # (pending)	D04S-20	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-0
		No Emission Unit Specific Applicable Requirements	D04F-48	
CL-102-01	OV-102-19	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-102-01	OV-102-21	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-102-01	OV-102-22	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-102-01	OV-102-23	No Emission Unit Specific Applicable Requirements	D0-11 - 10	

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Number	Number	Requirement	Page #	Page #
CL-102-01	SB-102-01	10 CSR 10-6.060	D04F-32	
		St. Louis County APC Code 612.110	D04F-32	
		Construction Permit #1207	D04F-32	
		St. Louis County APC Code 612.120	D04S-20	D05S-13 thru D05S-17
2		St. Louis County APC Code 612.150	D04S-20	
		Operating Permit #5140	D04S-20	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-102-01	SB-102-03	40 CFR Part 63, Subpart GG	D04F-33	D05F-24 and D05F-25
		10 CSR 10-6.075	D04F-33	D05F-24 and D05F-25
		10 CSR 10-5.050	D04F-33	D05F-26 and D05F-27
4		10 CSR 10-5.330	D04F-33	D05F-28 and D05F-29
		10 CSR 10-6.060	D04F-33	
		St. Louis County APC Code 612.110	D04F-33	
	1	Construction Permit #1042	D04F-33	
		St. Louis County APC Code 612.120	D04S-21	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-21	
		Operating Permit #4902	D04S-21	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-220-01	OV-220-18	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-220-01	SB-220-01	10 CSR 10-5.050	D04F-33	D05F-26 and D05F-27
CL-220-01	00 220 01	10 CSR 10-5.330	D04F-33	D05F-28 and D05F-29
		St. Louis County APC Code 612.110	D04S-21	
		Construction Permit #0576 (not in effect)	D04S-21	
		St. Louis County APC Code 612.120	D04S-21	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-21	
		Operating Permit #4062	D04S-21	
	1	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
CL-245-01	SB-245-01	10 CSR 10-5.050	D04F-33	D05F-26 and D05F-27
CL-245-01	052.55	10 CSR 10-5.330	D04F-33	D05F-28 and D05F-29
	1	10 CSR 10-6.060	D04F-33	
		St. Louis County APC Code 612.110	D04F-33	/
	1	Construction Permit #1547	D04F-33	
		St. Louis County APC Code 612.120	D04S-21	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-21	n
	1	Operating Permit #5569	D04S-21	'
CL-245-02	SB-245-02	10 CSR 10-5.050	D04F-33	D05F-26 and D05F-27
CL-243-02	35-243-02	10 CSR 10-5.330	D04F-33	D05F-28 and D05F-29
		10 CSR 10-6.060	D04F-33	
		St. Louis County APC Code 612.110	D04F-33	
		Construction Permit #1709	_ D04F-33	
		St. Louis County APC Code 612.120	D04S-21	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-21	
	-	Operating Permit #5701	D04S-21	
CL-245-01	SB-245-03	No Emission Unit Specific Applicable Requirements	D04F-48	
CL-245-01 CL-245-02	MB-245-01	No Emission Unit Specific Applicable Requirements	D04F-48	

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CL-248-01	SB-248-01	10 CSR 10-6.060	D04F-34	D05F-38
CL-248-01	3D-240-01	St. Louis County APC Code 612.110	D04F-34	D05F-38
		Construction Permit #1753	D04F-34	D05F-38
		St. Louis County APC Code 612.120	D04S-21	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-21	D05S-24
,		Operating Permit #5741	D04S-21	D05S-24
	5 1	40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
NO. IT	00 101 10	10 CSR 10-6.060	D04F-34	
NONE	SB-101-10	St. Louis County APC Code 612.110	D04F-34	
	5 77 77 1	Construction Permit #1668	D04F-34	100 f
		St. Louis County APC Code 612.120	D04S-22	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-22	
		Operating Permit #5691	D04S-22	
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
		10 CSR 10-5.050	D04F-34	D05F-26 and D05F-27
NONE	SB-101-34			D05A-2
	2 2 - 1-	40 CFR Part 63, Subpart GG (Alternate Operating Scenario)		D05A-3
		10 CSR 5.330 (Alternate Operating Scenario) 10 CSR 10-5.050	D04F-34	D05F-26 and D05F-27
NONE	SB-101-48	10 CSR 10-5.050		D05A-2
		40 CFR Part 63, Subpart GG (Alternate Operating Scenario)		D05A-3
		10 CSR 5.330 (Alternate Operating Scenario)	D04F-34	D05F-26 and D05F-27
NONE	SB-220-02	10 CSR 10-5.050		D05A-2
		40 CFR Part 63, Subpart GG (Alternate Operating Scenario)		D05A-3
		10 CSR 5.330 (Alternate Operating Scenario)	D04F-34	D05F-24 and D05F-25
BF-STL-01	BF-STL-01	40 CFR Part 63, Subpart GG	D04F-34	D05F-24 and D05F-25
		10 CSR 10-6.075	D04F-34	D05F-28 and D05F-29
		10 CSR 10-5.330	D041-54	D05A-4 thru D05A-6
		40 CFR Part 63 Subpart GG (Alternate Operating Scenario)	D04F-35	D05F-39 thru D05F-4
CS-005-02	CS-005-02	10 CSR 10-5.030	D04F-35	
(will be		10 CSR 10-5.060	D04F-35	
CS-005-01		10 CSR 10-5.090	D04F-35	D05F-49
in 1997)		10 CSR 10-6.060	D04F-35	D05F-49
		St. Louis County APC Code 612.110	D04F-35	D05F-49
	1	Construction Permit #1321	D041-33	D05S-13 thru D05S-1
	4.1	St. Louis County APC Code 612.120	D04S-23	D05S-25
		St. Louis County APC Code 612.150	D04S-23	D05S-25
	l i	Operating Permit #5367	D045-23	D05F-39 thru D05F-4
CS-005-03	CS-005-03	10 CSR 10-5.030		D051-55 tind 2001
(will be		10 CSR 10-5.060	D04F-36	-
CS-005-01		10 CSR 10-5.090	D04F-36	D05F-49
in 1997)		10 CSR 10-6.060	D04F-36	D05F-49
,		St. Louis County APC Code 612.110	D04F-36	D05F-49
		Construction Permit #1321	D04F-36	D05F-49 D05S-13 thru D05S-
		St. Louis County APC Code 612.120	D04S-24	1
		St. Louis County APC Code 612.150	D04S-24	D05S-25 D05S-25
	1	Operating Permit #5367	D04S-24	D038-23

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CS-005-04	CS-005-04	10 CSR 10-5.030	D04F-36	D05F-39 thru D05F-48
(will be		10 CSR 10-5.060	D04F-36	
CS-005-01		10 CSR 10-5.090	D04F-36	
in 1997)		10 CSR 10-6.060	D04F-36	D05F-49
		St. Louis County APC Code 612.110	D04F-36	D05F-49
		Construction Permit #1321	D04F-36	D05F-49
		St. Louis County APC Code 612.120	D04S-24	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-24	D05S-25
	1	Operating Permit #5367	D04S-24	D05S-25
CS-005-05	CS-005-05	10 CSR 10-5.030	D04F-36	D05F-39 thru D05F-48
CS-003-03	C3-003-03	10 CSR 10-5.060	D04F-36	
		St. Louis County APC Code 612.120	D04S-24	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-24	
	1	Operating Permit #3124	D04S-24	
<u> </u>	00 027 01	No Emission Unit Specific Applicable Requirements	D04F-49	
CS-027-01	CS-027-01	No Emission Unit Specific Applicable Requirements	D04F-49	
CS-027-01	CS-027-02	No Emission Unit Specific Applicable Requirements	D04F-49	
CS-027-01	CS-027-03	No Emission Unit Specific Applicable Requirements	D04F-49	
CS-027-01	CS-027-04	No Emission Unit Specific Applicable Requirements No Emission Unit Specific Applicable Requirements	D04F-49	
CS-027-01	CS-027-05	No Emission Unit Specific Applicable Requirements No Emission Unit Specific Applicable Requirements	D04F-49	
CS-027-01	CS-027-06	10 CSR 10-5.030	D04F-36	D05F-39 thru D05F-48
CS-101-01	CS-101-01	10 CSR 10-5.060	D04F-36	
	1		D04S-24	D05S-13 thru D05S-17
		St. Louis County APC Code 612.120	D04S-24	D05S-26
		St. Louis County APC Code 612.150	D04S-24	D05S-26
		Operating Permit #3078	D045-24	D05F-39 thru D05F-48
CS-101-02	CS-101-02	10 CSR 10-5.030	D04F-36	
		10 CSR 10-5.060	D041-30	D05S-13 thru D05S-17
		St. Louis County APC Code 612.120	D04S-24	D05S-26
	1	St. Louis County APC Code 612.150	D04S-24	D05S-26
		Operating Permit #3078	D045-24	D05F-39 thru D05F-48
CS-101-03	CS-101-03	10 CSR 10-5.030	D04F-36	D051-57 tina B051 10
		10 CSR 10-5.060		D05S-13 thru D05S-17
	1	St. Louis County APC Code 612.120	D04S-24	D05S-13 tilla D05S-17
	1	St. Louis County APC Code 612.150	D04S-24	D05S-27
		Operating Permit #3077	D04S-24	D05F-39 thru D05F-48
CS-101-04	CS-101-04	10 CSR 10-5.030	D04F-36	אר-זכטע מזמז ענ-זכטע ווייט
		10 CSR 10-5.060	D04F-36	D000 12 11 D000 15
		St. Louis County APC Code 612.120	D04S-25	D05S-13 thru D05S-11
		St. Louis County APC Code 612.150	D04S-25	D05S-27
		Operating Permit #3077	D04S-25	D05S-27

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CS-101-05	CS-101-05	40 CFR Part 60, Subpart E	D04F-37	D05F-50
00 101 00	00 101 11	10 CSR 10-6.070	D04F-37	D05F-50
		10 CSR 10-5.030	D04F-37	D05F-39 thru D05F-48
		10 CSR 10-5.060	D04F-37	
,		10 CSR 10-5.080	D04F-37	D05F-51
		10 CSR 10-5.090	D04F-37	
		10 CSR 10-6.060	D04F-37	
		St. Louis County APC Code 612.110	D04F-37	
		Construction Permit #1226	D04F-37	
		St. Louis County APC Code 612.120	D04S-25	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-25	
		Operating Permit #5229	D04S-25	
CS-101-06	CS-101-06	40 CFR Part 60, Subpart E	D04F-37	D05F-50
CS-101-00	C3-101-00	10 CSR 10-6.070	D04F-37	D05F-50
		10 CSR 10-5.030	D04F-37	D05F-39 thru D05F-48
		10 CSR 10-5.060	D04F-37	
		10 CSR 10-5.080	D04F-37	D05F-51
	Es V	10 CSR 10-5.090	D04F-37	
		10 CSR 10-6.060	D04F-37	
	1 3	St. Louis County APC Code 612.110	D04F-37	
		Construction Permit #1227	D04F-37	
		St. Louis County APC Code 612.120	D04S-25	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-25	
		Operating Permit #5230	D04S-25	,
	CS-102-01	10 CSR 10-5.030	D04F-37	D05F-39 thru D05F-4
CS-102-01	CS-102-01	10 CSR 10-5.060	D04F-37	
	ì	St. Louis County APC Code 612.120	D04S-25	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-25	D05S-28
	1	Operating Permit #3005	D04S-25	D05S-28
	CS-102-02	10 CSR 10-5.030	D04F-37	D05F-39 thru D05F-4
CS-102-02	CS-102-02	10 CSR 10-5.060	D04F-37	
		St. Louis County APC Code 612.120	D04S-25	D05S-13 thru D05S-1
	0.0	St. Louis County APC Code 612.150	D04S-25	D05S-29
		Operating Permit #3079	D04S-25	D05S-29
00.100.00	00 103 03	10 CSR 10-5.030	D04F-38	D05F-39 thru D05F-4
CS-102-03	CS-102-03	10 CSR 10-5.060	D04F-38	
		St. Louis County APC Code 612.120	D04S-26	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-26	D05S-29
		Operating Permit #3079	D04S-26	D05S-29

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		10 CSR 10-5.060	D04F-38	
		10 CSR 10-6.060	D04F-38	
		St. Louis County APC Code 612.110	D04F-38	
		Construction Permit #0865	D04F-38	
		St. Louis County APC Code 612.120	D04S-26	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-26	
		Operating Permit #4709	D04S-26	
CS-110-02	CS-110-02	10 CSR 10-5.030	D04F-38	D05F-39 thru D05F-48
00 110 02		10 CSR 10-5.060	D04F-38	
		10 CSR 10-6.060	D04F-38	
i		St. Louis County APC Code 612.110	D04F-38	
		Construction Permit #0865	D04F-38	
		St. Louis County APC Code 612.120	D04S-26	D05S-13 thru D05S-1
2.0		St. Louis County APC Code 612.150	D04S-26	
	İ	Operating Permit #4709	D04S-26	
CS-111-01	CS-111-01	10 CSR 10-5.030	D04F-38	D05F-39 thru D05F-4
CS-111-01	C3-111-01	10 CSR 10-5.060	D04F-38	
	Ì	10 CSR 10-6.060	D04F-38	
		St. Louis County APC Code 612.110	D04F-38	
	ĺ	Construction Permit #1332	D04F-38	
		St. Louis County APC Code 612.120	D04S-26	D05S-13 thru D05S-1
]	St. Louis County APC Code 612.150	D04S-26	
		Operating Permit #5287	D04S-26	
	00 111 02	10 CSR 10-5.030	D04F-38	D05F-39 thru D05F-4
CS-111-02	CS-111-02	10 CSR 10-5.060	D04F-38	
	1	10 CSR 10-5.000	D04F-38	
		St. Louis County APC Code 612.110	D04F-38	
		Construction Permit #1332	D04F-38	
		St. Louis County APC Code 612.120	D04S-26	D05S-13 thru D05S-1
	-	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150	D04S-26	
		Operating Permit #5287	D04S-26	
		10 CSR 10-5.030	D04F-38	D05F-39 thru D05F-4
CS-STL-01	CS-STL-01A		D04F-38	
		10 CSR 10-5.060	D04F-49	
CS-STL-01	CS-STL-01B	No Emission Unit Specific Applicable Requirements 10 CSR 10-5.030	D04F-38	D05F-39 thru D05F-4
CS-STL-01	CS-STL-01C		D04F-38	
		10 CSR 10-5.060	D04F-39	D05F-39 thru D05F-4
CS-STL-01	CS-025-01	10 CSR 10-5.030	D04F-39	
		10 CSR 10-5.060	D041-37	
		St. Louis County APC Code 612.110	D04S-27	
		Construction Permit #0779 (not in effect)	D04S-27	D05S-13 thru D05S-
		St. Louis County APC Code 612.120		D033-13 tina D033-1
		St. Louis County APC Code 612.150	D04S-27	
		Operating Permit #4373	D04S-27	

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0001201		10 CSR 10-5.060	D04F-39	
		St. Louis County APC Code 612.120	D04S-27	D05S-13 thru D05S-17
1	l i	St. Louis County APC Code 612.150	D04S-27	
>	_	Operating Permit #3210	D04S-27	
CS-STL-01	CS-066-02	10 CSR 10-5.030	D04F-39	D05F-39 thru D05F-48
00 312 01		10 CSR 10-5.060	D04F-39	
	_	St. Louis County APC Code 612.120	D04S-27	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-27	1
		Operating Permit #3210	D04S-27	
CS-STL-01	CS-066-03	10 CSR 10-5.030	D04F-39	D05F-39 thru D05F-48
C3-31L-01	05'000'05	10 CSR 10-5.060	D04F-39	
		St. Louis County APC Code 612.120	D04S-27	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-27	
		Operating Permit #3210	D04S-27	
CS-STL-01	CS-066-04	10 CSR 10-5.030	D04F-39	D05F-39 thru D05F-48
C3-31L-01	C3-000-04	10 CSR 10-5.060	D04F-39	
		St. Louis County APC Code 612.120	D04S-27	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-27	
		Operating Permit #3210	D04S-27	
CS-STL-01	CS-067-01	10 CSR 10-5.030	D04F-39	D05F-39 thru D05F-48
CS-51L-01	C3-007-01	10 CSR 10-5.060	D04F-39	
CS-STL-01	CS-067-02	10 CSR 10-5.030	D04F-39	D05F-39 thru D05F-48
C2-21L-01	CS-007-02	10 CSR 10-5.060	D04F-39	
CS-STL-01	CS-111-03	10 CSR 10-5.030	D04F-39	D05F-39 thru D05F-48
C3-31L-01	C3-111-03	10 CSR 10-5.060	D04F-39	
	1 2	10 CSR 10-6.060	D04F-39	
		St. Louis County APC Code 612.110	D04F-39	
		Construction Permit #1333	D04F-39	
		St. Louis County APC Code 612.120	D04S-28	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-28	T
		Operating Permit #5288	D04S-28	
CS-STL-01	CS-221-01	10 CSR 10-5.030	D04F-39	D05F-39 thru D05F-48
C3-31L-01	C3-221-01	10 CSR 10-5.060	D04F-39	
	l i	St. Louis County APC Code 612.120	D04S-28	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-28	
		Operating Permit #4103	D04S-28	
CS-STL-01	CS-221-02	10 CSR 10-5.030	D04F-40	D05F-39 thru D05F-48
C2-21L-01	C3-221-02	10 CSR 10-5.060	D04F-40	
		St. Louis County APC Code 612.120	D04S-28	D05S-13 thru D05S-11
		St. Louis County APC Code 612.150	D04S-28	
		Operating Permit #4103	D04S-28	
OT OTT OF	CT CTI ALA	No Emission Unit Specific Applicable Requirements	D04F-49	
CT-STL-01	CT-STL-01A	No Emission Unit Specific Applicable Requirements	D04F-49	
CT-STL-01	CT-STL-01B	No Emission Unit Specific Applicable Requirements	D04F-49	
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CU-STL-01	MS-029A-04	No Emission Unit Specific Applicable Requirements	D04F-49	
DB-027-01	PI-027-01	St. Louis County APC Code 612.110	D04S-28	
*		Construction Permit #0645 (not in effect)	D04S-28	
		St. Louis County APC Code 612.120	D04S-28	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-28	
		Operating Permit #4285	D04S-28	
DB-027-01	PI-027-01	St. Louis County APC Code 612.110	D04S-29	
		Construction Permit #0644 (not in effect)	D04S-29	
		St. Louis County APC Code 612.120	D04S-29	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-29	
	10.0	Operating Permit #4286	D04S-29	
MC-STL-01	MC-STL-01	40 CFR Part 63, Subpart GG	D04F-40	D05F-52
WC-STE-01		10 CSR 10-6.075	D04F-40	D05F-52
NONE	DP-STL-01	40 CFR Part 63, Subpart GG	D04F-40	D05F-53
NONE	D1-012 01	10 CSR 10-6.075	D04F-40	D05F-53
NONE	EG-STL-01	10 CSR 10-5.180	D04F-40	D05F-54
FA-005-01	FA-005-01	No Emission Unit Specific Applicable Requirements	D04F-49	
NONE	GB-027-01	St. Louis County APC Code 612.120	D04S-29	D05S-13 thru D05S-17
NONE	GB-027-01	St. Louis County APC Code 612.150	D04S-29	
		Operating Permit #3126	D04S-29	
NONE	GB-027-02	St. Louis County APC Code 612.120	D04S-29	D05S-13 thru D05S-17
NONE	GB-027-02	St. Louis County APC Code 612.150	D04S-29	
		Operating Permit #3127	D04S-29	
HT-027-01	OV-027-01	No Emission Unit Specific Applicable Requirements	D04F-49	
HT-027-01	OV-027-01	No Emission Unit Specific Applicable Requirements	D04F-49	
HT-027-01	OV-027-02	No-Emission Unit Specific Applicable Requirements	D04F-49	
HT-245-01	OV-245-04	No Emission Unit Specific Applicable Requirements	D04F-49	
HT-245-01	OV-245-05	No Emission Unit Specific Applicable Requirements	D04F-49	
HT-245-01	OV-245-06	No Emission Unit Specific Applicable Requirements	D04F-49	
NONE	HW-STL-01	40 CFR Part 63, Subpart GG	D04F-40	D05F-55
NONE	HW-31L-01	10 CSR 10-6.075	D04F-40	D05F-55
NONE	MS-027-04	40 CFR Part 63, Subpart DD	D04F-40	D05F-56
	ML-051-01	40 CFR Part 63, Subpart GG	D04F-40	D05F-57
ML-051-01	MID-021-01	10 CSR 10-6.075	D04F-40	D05F-57
		10 CSR 10-6.060	D04F-40	
		St. Louis County APC Code 612.110	D04F-40	
		Construction Permit #1164	D04F-40	
		St. Louis County APC Code 612.120	D04S-29	D05S-13 thru D05S-17
		St. Louis County APC Code 612.120	D04S-29	
		Operating Permit #5137	D04S-29	
	1	40 CFR Part 63, Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
		40 CFR Part 63, Subpart GG (Alternate Operating Section) 40 CFR Part 63, Subpart GG (Alternate Operating Scenario)		D05A-7
		10 CSR 5.330 (Alternate Operating Scenario)		D05A-8
		10 C2K 3.330 (Atternate Obergring Section)		

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ML-051-01	CC-051-01	40 CFR Part 63, Subpart T	D04F-41	D05F-58
		10 CSR 10-6.075	D04F-41	D05F-58
		40 CFR Part 63, Subpart A	D04F-41	D05F-58
- ""	II V	10 CSR 10-5.300	D04F-41	D05F-19 and D05F-20
ML2051-01	CC-051-02	40 CFR Part 63, Subpart T	D04F-41	D05F-58
WID-031-01	00 00. 02	10 CSR 10-6.075	D04F-41	D05F-58
		40 CFR Part 63, Subpart A	D04F-41	D05F-58
		10 CSR 10-5.300	D04F-41	D05F-19 and D05F-20
NONE	ML-051-02	40 CFR Part 63, Subpart GG	D04F-41	D05F-57
NONE	WIL-031-02	10 CSR 10-6.075	D04F-41	D05F-57
		10 CSR 10-5.330	D04F-41	D05F-59
		40 CFR Part 63, Subpart GG (Alternate Operating Scenario)		D05A-4 thru D05A-6
140 020 A	MO-029-01	10 CSR 10-6.060	D04F-41	
MO-029-A	MO-029-01	St. Louis County APC Code 612.110	D04F-41	1
II .		Construction Permit #1087	D04F-41	
	26	St. Louis County APC Code 612.120	D04S-30	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-30	
		Operating Permit #4930	D04S-30	J ==
	***	10 CSR 10-6.060	D04F-41	
MO-029-A	MO-029-02	St. Louis County APC Code 612.110	D04F-41	
		Construction Permit #1520	D04F-41	1
			D04S-30	D05S-13 thru D05S-17
	ri .	St. Louis County APC Code 612.120	D04S-30	
		St. Louis County APC Code 612.150	D04S-30	
		Operating Permit #5500	D045-30	
MP-STL-01	MP-STL-01	No Emission Unit Specific Applicable Requirements	D04F-49	
MP-STL-01	SB-002-04	No Emission Unit Specific Applicable Requirements	D04S-30	
MP-STL-01	SB-032-01	St. Louis County APC Code 612.110	D04S-30	
		Construction Permit #0866 (not in effect)	D04S-30	D05S-13 thru D05S-17
		St. Louis County APC Code 612.120	D043-30	
		St. Louis County APC Code 612.150	D04S-30	
		Operating Permit #4520	D045-30 D04F-49	
MP-STL-01	SB-032-02	No Emission Unit Specific Applicable Requirements	D04F-49	D05F-60
NONE	OV-220-11	10 CSR 10-5.050	D04F-41	D05F-60
NONE	OV-220-12	10 CSR 10-5.050		D05F-60
NONE	OV-220-13	10 CSR 10-5.050	D04F-42	D05F-60
NONE	OV-220-14	10 CSR 10-5.050	D04F-42	D031-00
PT-027-01	PT-027-01A	St. Louis County APC Code 612.110	D04S-30	
		Construction Permit #0670 (not in effect)	D04S-30	D05S-13 thru D05S-1
		St. Louis County APC Code 612.120	D04S-30	D022-12 turn D022-1
	1	St. Louis County APC Code 612.150	D04S-30	Then a transfer to
		Operating Permit #5438	D04S-30	· · · · · · · · · · · · · · · · · · ·
PT-027-01	PT-027-01	St. Louis County APC Code 612.110	D04S-31	
		Construction Permit #0670 (not in effect)	D04S-31	
		St. Louis County APC Code 612.120	D04S-31	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-31	
	1	Operating Permit #5438	D04S-31	

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PT-027-02	PT-027-02	10 CSR 10-6.060	D04F-42	
	I	St. Louis County APC Code 612.110	D04F-42	
		Construction Permit #1306	D04F-42	
		St. Louis County APC Code 612.120	D04S-31	D05S-13 thru D05S-17
,		St. Louis County APC Code 612.150	D04S-31	<u> </u>
		Operating Permit #5438	D04S-31	
PT-027-03	PT-027-03A	St. Louis County APC Code 612.110	D04S-31	
11-027-03	11-027-0571	Construction Permit #0912 (not in effect)	D04S-31	
		St. Louis County APC Code 612.120	D04S-31	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-31	
		Operating Permit #3320	D04S-31	
pm 00 0 00	PT 027 02D	St. Louis County APC Code 612.110	D04S-31	
PT-027-03	PT-027-03B	Construction Permit #0912 (not in effect)	D04S-31	
		St. Louis County APC Code 612.120	D04S-31	D05S-13 thru D05S-17
		St. Louis County APC Code 612.120 St. Louis County APC Code 612.150	D04S-31	
			D04S-31	
		Operating Permit #3320	D045-51	
PT-027-04	PT-027-04A	No Emission Unit Specific Applicable Requirements	D041-30	D05S-13 thru D05S-17
PT-027-04	PT-027-04B	St. Louis County APC Code 612.120	D04S-32	
		St. Louis County APC Code 612.150		
		Operating Permit #4234	D04S-32	
PT-027-04	PT-027-04C	No Emission Unit Specific Applicable Requirements	D04F-50	D05F-61
PT-027-05	PT-027-05A	40 CFR Part 63, Subpart N	D04F-42	I
		10 CSR 10-6.075	D04F-42	D05F-61
		St. Louis County APC Code 612.120	D04S-32	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-32	
		Operating Permit #3596	D04S-32	D05S-13 thru D05S-17
PT-027-05	PT-027-05B	St. Louis County APC Code 612.120	D04S-32	D058-13 thru D058-17
		St. Louis County APC Code 612.150	D04S-32	
		Operating Permit #3596	D04S-32	
PT-027-06	PT-027-06A	St. Louis County APC Code 612.110	D04S-32	
•		Construction Permit #0599 (not in effect)	D04S-32	
		St. Louis County APC Code 612.120	D04S-32	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-32	
		Operating Permit #3976	D04S-32	
PT-027-07	PT-027-07A	St. Louis County APC Code 612.110	D04S-32	
11-027-07	11 02, 0,11	Construction Permit #0220 (not in effect)	D04S-32	
		St. Louis County APC Code 612.120	D04S-32	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-32	
		Operating Permit #3321	D04S-32	
DT 027 000	DT 027 00D1	St. Louis County APC Code 612.120	D04S-33	D05S-13 thru D05S-17
PT-027-08B	PT-027-08B1	St. Louis County APC Code 612.120	D04S-33	
	1 - 1	Operating Permit #4233	D04S-33	
	DT 007 0070	St. Louis County APC Code 612.120	D04S-33	D05S-13 thru D05S-17
PT-027-08B	PT-027-08B2		D04S-33	
		St. Louis County APC Code 612.150	D04S-33	
		Operating Permit #4233	D073-33	

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		St. Louis County APC Code 612.150	D04S-33	
	i i	Operating Permit #4233	D04S-33	
PT-027-08B	PT-027-08B4	St. Louis County APC Code 612.120	D04S-33	D05S-13 thru D05S-17
, ,		St. Louis County APC Code 612.150	D04S-33	
l		Operating Permit #4233 and 4235	D04S-33	
T-027-09A	PT-027-09A1	St. Louis County APC Code 612.120	D04S-33	D05S-13 thru D05S-17
1-027-0771	11 02: 03:11	St. Louis County APC Code 612.150	D04S-33	
		Operating Permit #4234	D04S-33	
PT-027-09B	PT-027-09B2	St. Louis County APC Code 612.120	D04S-34	D05S-13 thru D05S-17
[1-027-07D	11-027-0722	St. Louis County APC Code 612.150	D04S-34	
	10.00	Operating Permit #4234	D04S-34	
PT-027-10	PT-027-10A	St. Louis County APC Code 612.120	D04S-34	D05S-13 thru D05S-17
P1-027-10	F1-027-10A	St. Louis County APC Code 612.150	D04S-34	
		Operating Permit #4235	D04S-34	
DT 027 10	PT-027-10B	St. Louis County APC Code 612.120	D04S-34	D05S-13 thru D05S-1
PT-027-10	P1-027-10B	St. Louis County APC Code 612.150	D04S-34	
		Operating Permit #4235	D04S-34	
PT 007 10	PT-027-10C	St. Louis County APC Code 612.120	D04S-34	D05S-13 thru D05S-1
PT-027-10	P1-027-10C	St. Louis County APC Code 612.150	D04S-34	
		Operating Permit #4235	D04S-34	
DT 007 10	PT-027-10D	St. Louis County APC Code 612.120	D04S-34	D05S-13 thru D05S-1
PT-027-10	P1-027-10D	St. Louis County APC Code 612.150	D04S-34	
	1	Operating Permit #4235	D04S-34	,
DT 007 10	DT 027 10F	St. Louis County APC Code 612.120	D04S-35	D05S-13 thru D05S-1
PT-027-10	PT-027-10E	St. Louis County APC Code 612.150	D04S-35	
		Operating Permit #4235	D04S-35	
5m 00g 11	PT-027-11	No Emission Unit Specific Applicable Requirements	D04F-50	
PT-027-11		St. Louis County APC Code 612.120	D04S-35	D05S-13 thru D05S-1
PT-027-12	PT-027-12A	St. Louis County APC Code 612.150	D04S-35	
		Operating Permit #3555	D04S-35	
	DT 007 10D	St. Louis County APC Code 612.120	D04S-35	D05S-13 thru D05S-1
PT-027-12	PT-027-12B	St. Louis County APC Code 612.150	D04S-35	
	1	Operating Permit #3555	D04S-35	
		No Emission Unit Specific Applicable Requirements	D04F-50	
PT-051-01	PT-051-01	St. Louis County APC Code 612.120	D04S-35	D05S-13 thru D05S-1
PT-051-02	PT-051-02A	St. Louis County APC Code 612.120	D04S-35	
		Operating Permit #3578	D04S-35	
	-	St. Louis County APC Code 612.120	D04S-35	D05S-13 thru D05S-1
PT-051-02	PT-051-02B	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150	D04S-35	
			D04S-35	
		Operating Permit #3578	D04S-36	D05S-13 thru D05S-
PT-101-01	PT-101-01	St. Louis County APC Code 612.120	D04S-36	
		St. Louis County APC Code 612.150	D04S-36	
		Operating Permit #5239	D045-30	

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EIQ Point	Emission Unit	Applicable	Form OP-D04	Form OP-D05
Number	Number	Requirement	Page #	Page #
PT-101-02	PT-101-02	10 CSR 10-6.060	D04F-42	
11-101-02	11-101-02	St. Louis County APC Code 612.110	D04F-42	
		Construction Permit #1303	D04F-42	
		St. Louis County APC Code 612.120	D04S-36	D05S-13 thru D05S-17
3 11		St. Louis County APC Code 612.150	D04S-36	
		Operating Permit #5240	D04S-36	
PT-101-03	PT-101-03A	10 CSR 10-6.060	D04F-42	
P1-101-03	F1-101-05A	St. Louis County APC Code 612.110	D04F-42	
		Construction Permit #1304	D04F-43	
		St. Louis County APC Code 612.120	D04S-36	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-36	
		Operating Permit #5243	D04S-36	
DT 101 02	PT-101-03B	No Emission Unit Specific Applicable Requirements	D04F-50	
PT-101-03	PT-101-03B	St. Louis County APC Code 612.120	D04S-36	D05S-13 thru D05S-17
PT-101-04	P1-101-04A	St. Louis County APC Code 612.150	D04S-36	
		Operating Permit #3518	D04S-36	
	DT 101 04D	St. Louis County APC Code 612.120	D04S-36	D05S-13 thru D05S-17
PT-101-04	PT-101-04B	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150	D04S-36	
		Operating Permit #3518	D04S-36	
			D04S-37	D05S-13 thru D05S-17
PT-101-04	PT-101-04C	St. Louis County APC Code 612.120	D04S-37	
		St. Louis County APC Code 612.150	D04S-37	
		Operating Permit #3518	D04S-37	D05S-13 thru D05S-13
PT-101-04	PT-101-04D	St. Louis County APC Code 612.120	D04S-37	
		St. Louis County APC Code 612.150	D04S-37	
		Operating Permit #3518	D04S-37	D05S-13 thru D05S-1
PT-101-04	PT-101-04E	St. Louis County APC Code 612.120	D04S-37	
		St. Louis County APC Code 612.150	D04S-37	
		Operating Permit #3518	D04S-37	D05S-13 thru D05S-1
PT-101-04	PT-101-04F	St. Louis County APC Code 612.120	D04S-37	
		St. Louis County APC Code 612.150	D04S-37	
		Operating Permit #3518	D04S-37	D05S-13 thru D05S-1
PT-101-04	PT-101-04G	St. Louis County APC Code 612.120	D04S-37	D033-13 tina D038 1
		St. Louis County APC Code 612.150	D04S-37	
		Operating Permit #3518	D04S-38	D05S-13 thru D05S-1
PT-101-04	PT-101-04H	St. Louis County APC Code 612.120	D04S-38	D033-13 tilia D033-1
	1	St. Louis County APC Code 612.150	-	
		Operating Permit #3518	D04S-38	D05S-13 thru D05S-1
PT-101-04	PT-101-04I	St. Louis County APC Code 612.120	D04S-38	D038-13 tillu D038-1
		St. Louis County APC Code 612.150	D04S-38	
		Operating Permit #3518	D04S-38	D05S-13 thru D05S-1
PT-101-04	PT-101-04J	St. Louis County APC Code 612.120	D04S-38	ו-פכחת מזעז כו-פכחת
		St. Louis County APC Code 612.150	D04S-38	
		Operating Permit #3518	D04S-38	D050 12 1 D050 1
PT-101-04	PT-101-04K	St. Louis County APC Code 612.120	D04S-38	D05S-13 thru D05S-1
		St. Louis County APC Code 612.150	D04S-38	
		Operating Permit #3518	D04S-38	10

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EIQ Point	Emission Unit	Applicable	Form OP-D04	Form OP-D05
Number	Number	Requirement	Page #	Page #
PT-220-01	PT-220-01A	St. Louis County APC Code 612.110	D04S-38	
		Construction Permit #0572 (not in effect)	D04S-38	
		St. Louis County APC Code 612.120	D04S-38	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-38	
*		Operating Permit #4056	D04S-38	
PT-220-01	PT-220-01B	St. Louis County APC Code 612.110	D04S-39	in 42
		Construction Permit #0574 (not in effect)	D04S-39	
		St. Louis County APC Code 612.120	D04S-39	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-39	
	34	Operating Permit #4060	D04S-39	
NONE	PT-027-13	10 CSR 10-6.060	D04F-42	
NONE	11 027 15	St. Louis County APC Code 612.110	D04F-42	
		Construction Permit #0919	D04F-42	
		St. Louis County APC Code 612.120	D04S-39	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-39	
		Operating Permit #4904	D04S-39	
NONE	PT-027-14	10 CSR 10-6.060	D04F-42	
NONE	11-02/-14	St. Louis County APC Code 612.110	D04F-42	
	(25)	Construction Permit #0950	D04F-42	
	47	St. Louis County APC Code 612.120	D04S-39	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-39	
		Operating Permit #4905	D04S-39	
NONE	PT-029A-01	10 CSR 10-6.060	D04F-42	
NONE	P1-029A-01	St. Louis County APC Code 612.110	D04F-42	
		Construction Permit #6260	D04F-42	
	1	St. Louis County APC Code 612.120	D04S-40	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-40	
		Operating Permit # (pending)	D04S-40	
NONE	PT-051-03	St. Louis County APC Code 612.120	D04S-39	D05S-13 thru D05S-17
NONE	P1-031-03	St. Louis County APC Code 612.150	D04S-39	
		Operating Permit #3581	D04S-39	
NONE	PT-051-04	St. Louis County APC Code 612.120	D04S-39	D05S-13 thru D05S-17
NONE	P1-031-04	St. Louis County APC Code 612.150	D04S-39	
		Operating Permit #3582	D04S-39	
NOVE	PT-051-05	St. Louis County APC Code 612.120	D04S-40	D05S-13 thru D05S-17
NONE	P1-031-03	St. Louis County APC Code 612.150	D04S-40	
		Operating Permit #3583	D04S-40	
MONE	DT 220 02	St. Louis County APC Code 612.110	D04S-40	
NONE	PT-220-02	Construction Permit #0573 (not in effect)	D04S-40	
		St. Louis County APC Code 612.120	D04S-40	D05S-13 thru D05S-17
		St. Louis County APC Code 612.120 St. Louis County APC Code 612.150	D04S-40	
		Operating Permit #4059	D04S-40	

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EIQ Point	Emission Unit	Applicable	Form OP-D04	Form OP-D05
Number	Number	Requirement	Page #	Page #
NONE	PT-220-03	St. Louis County APC Code 612.110	D04S-40	
		Construction Permit #0575 (not in effect)	D04S-40	****
		St. Louis County APC Code 612.120	D04S-40	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-40	
>		Operating Permit #4061	D04S-40	"
RF-STL-01	RF-STL-01	No Emission Unit Specific Applicable Requirements	D04F-50	
RF-STL-02	RF-STL-02	No Emission Unit Specific Applicable Requirements	D04F-50	
SP-005-01	SP-005-01	10 CSR 10-5.120	D04F-42	D05F-62
ST-STL-01	ST-022-22	40 CFR Part 80.22 (j)	D04F-43	
31-31E 01	1 0. 022	10 CSR 10-5.220	D04F-43	D05F-64
		10 CSR 10-6.060	D04F-43	
		St. Louis County APC Code 612.110	D04F-43	
		Construction Permits #V1072 and V5529	D04F-43	
		10 CSR 10-5.443	D04S-41	D05S-30
		St. Louis County APC Code 612.120	D04S-41	D05S-13 thru D05S-17
	1 !	St. Louis County APC Code 612.150	D04S-41	
	_	Operating Permit #2471	D04S-41	
om omt ot	CT 022 26	40 CFR Part 80.22 (j)	D04F-43	
ST-STL-01	ST-022-25	10 CSR 10-5.220	D04F-43	D05F-64
		10 CSR 10-5.220	D04F-43	
			D04F-43	
]	St. Louis County APC Code 612.110 Construction Permit	D04F-43	
			D041-43	D05S-30
	<u> </u>	10 CSR 10-5.443	D04S-41	D05S-13 thru D05S-13
		St. Louis County APC Code 612.120	D04S-41	
		St. Louis County APC Code 612.150	D04S-41	
		Operating Permit #2471	D045-43	
ST-STL-01	ST-041-20	40 CFR Part 80.22 (j)	D04F-43	D05F-65
		10 CSR 10-5.220	D04F-43	5051-05
		St. Louis County APC Code 612.110	D04F-43	
		Construction Permit #V718 (not in effect)	D04F-43	D05S-30
		10 CSR 10-5.443	1	D05S-13 thru D05S-1
		St. Louis County APC Code 612.120	D04S-41	
		Operating Permit #V2069	D04S-41	D05S-30
ST-STL-01	ST-066-01	10 CSR 10-5.443	D04S-41	D05S-30
ST-STL-01	ST-102B-01	10 CSR 10-5.443	D04S-41	D033-30
ST-STL-01	ST-121-01	40 CFR Part 80.22 (j)	D04F-43	D05F-66
		10 CSR 10-5.220	D04F-43	
	_	10 CSR 10-5.443	D04S-41	D05S-30
ST-STL-01	ST-245-02	10 CSR 10-5.443	D04S-41	D05S-30
NONE	ST-005-20	40 CFR Part 60, Subpart Kb, 60.116(b)	D04F-44	D05F-63
		10 CSR 10-6.070	D04F-44	D05F-63
NONE	ST-005-21	40 CFR Part 60, Subpart Kb, 60.116(b)	D04F-44	D05F-63
		10 CSR 10-6.070	D04F-44	D05F-63
NONE	ST-041-22	40 CFR Part 60, Subpart Kb, 60.116(b)	D04F-44	D05F-63
1.0112		10 CSR 10-6.070	D04F-44	D05F-63

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EIQ Point	Emission Unit	Applicable	Form OP-D04	Form OP-D05
Number	Number	Requirement	Page #	Page #
NONE	ST-041-23	40 CFR Part 60, Subpart Kb, 60.116(b)	D04F-44	D05F-63
	i	10 CSR 10-6.070	D04F-44	D05F-63
NONE	ST-041-24	40 CFR Part 60, Subpart Kb, 60.116(b)	D04F-44	D05F-63
		10 CSR 10-6.070	D04F-44	D05F-63
NONE	ST-102-21	40 CFR Part 60, Subpart Kb, 60.116(b)	D04F-44	D05F-63
		10 CSR 10-6.070	D04F-44	D05F-63
NONE	ST-111-01	40 CFR Part 60, Subpart Kb, 60.116(b)	D04F-44	D05F-63
		10 CSR 10-6.070	D04F-44	D05F-63
VD-027-01	VD-027-01	40 CFR Part 63, Subpart T	D04F-45	D05F-67
	10 E	10 CSR 10-6.075	D04F-45	D05F-67
		10 CSR 10-5.300	D04F-45	D05F-71
		10 CSR 10-6.060	D04F-45	L_
		St. Louis County APC Code 612.110	D04F-45	
		Construction Permit #1673	D04F-45	
		St. Louis County APC Code 612.120	D04S-42	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-42	
		Operating Permit #5612	D04S-42	
VD-029-01	VD-029-01	40 CFR Part 63, Subpart T	D04F-45	D05F-69
VD-029-01	VD-025-01	10 CSR 10-6.075	D04F-45	D05F-69
	1.0	10 CSR 10-5.300	D04F-45	D05F-71
		10 CSR 10-6.060	D04F-45	D05F-72
		St. Louis County APC Code 612.110	D04F-45	D05F-72
		Construction Permit #6258	D04F-45	D05F-72
		St. Louis County APC Code 612.120	D04S-42	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-42	
		Operating Permit # (pending)	D04S-42	
CC-STL-01	VD-042-01	40 CFR Part 63, Subpart T	D04F-45	D05F-68
CC-S1L-01	V D-042-01	10 CSR 10-6.075	D04F-45	D05F-68
		10 CSR 10-5.300	D04F-45	D05F-71
CC-STL-01	VD-042-02	40 CFR Part 63, Subpart T	D04F-46	D05F-68
CC-51L-01	V D-042-02	10 CSR 10-6.075	D04F-46	D05F-68
	-	10 CSR 10-5.300	D04F-46	D05F-71
VD-101-01	VD-101-01	40 CFR Part 63, Subpart T	D04F-46	D05F-70
VD-101-01	VD-101-01	10 CSR 10-6.075	D04F-46	D05F-70
		10 CSR 10-5.300	D04F-46	D05F-71
		10 CSR 10-6.060	D04F-46	
		St. Louis County APC Code 612.110	D04F-46	
		Construction Permit #1172	D04F-46	
		St. Louis County APC Code 612.120	D04S-42	D05S-13 thru D05S-17
	1	St. Louis County APC Code 612.120 St. Louis County APC Code 612.150	D04S-42	
	1		D04S-42	
		Operating Permit #5078	2013 12	

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EIQ Point	Emission Unit	Applicable	Form OP-D04	Form OP-D05
Number	Number	Requirement	Page #	Page #
VD-101-02	VD-101D-04	40 CFR Part 63, Subpart T	D04F-46	D05F-69
	T.	10 CSR 10-6.075	D04F-46	D05F-69
		10 CSR 10-5.300	D04F-46	D05F-71
		10 CSR 10-6.060	D04F-46	
,		St. Louis County APC Code 612.110	D04F-46	~~~
		Construction Permit #6168	D04F-46	
		St. Louis County APC Code 612.120	D04S-42	D05S-13 thru D05S-17
	1	St. Louis County APC Code 612.150	D04S-42	
	- 1	Operating Permit #6168	D04S-42	
VD-102-01	VD-102-01	40 CFR Part 63, Subpart T	D04F-46	D05F-69
	115	10 CSR 10-6.075	D04F-46	D05F-69
		10 CSR 10-5.300	D04F-46	D05F-71
		10 CSR 10-6.060	D04F-46	
		St. Louis County APC Code 612.110	D04F-46	
		Construction Permit #1175	D04F-46	
		St. Louis County APC Code 612.120	D04S-42	D05S-13 thru D05S-17
_	į	St. Louis County APC Code 612.150	D04S-42	
		Operating Permit #5081	D04S-42	
VD-220-01	VD-220-01	40 CFR Part 63, Subpart T	D04F-47	D05F-69
		10 CSR 10-6.075	D04F-47	D05F-69
	2	10 CSR 10-5.300	D04F-47	D05F-71
		10 CSR 10-6.060	D04F-47	
		St. Louis County APC Code 612.110	D04F-47	
		Construction Permit #1171	D04F-47	
		St. Louis County APC Code 612.120	D04S-43	D05S-13 thru D05S-17
		St. Louis County APC Code 612.150	D04S-43	The state of
		Operating Permit #5076	D04S-43	
BF-STL-03	VS-101-04	No Emission Unit Specific Applicable Requirements	D04F-50	
WE-STL-01	WE-STL-01	No Emission Unit Specific Applicable Requirements	D04F-50	
CC-STL-01	CC-032-02	10 CSR 10-5.300		D05A-1
CC-STL-01	CC-032-03	10 CSR 10-5.300		D05A-1
CC-STL-01	CC-245-04	10 CSR 10-5.300	***	D05A-1
NONE	ST-120-01	40 CFR Part 60, Subpart Kb		D05A-9
NONE	ST-120-02	40 CFR Part 60, Subpart Kb		D05A-9

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Section D